

NORTH AMERICAN
MAINTENANCE SOLUTIONS TRAINING GUIDE

for Cat Dealers
Volume 4







- The LOCTITE® Product Selector Guide for Cat Dealers is your source for locating high-performance LOCTITE® adhesives, sealants, lubricants and cleaning compounds needed for the proper maintenance and repair of heavyduty equipment. This catalog will help you to make things better, faster and more cost-efficient. LOCTITE® products help you tackle even the most difficult challenges that surface in keeping working machines working!
- Henkel Corporation was chosen by Caterpillar as the adhesives and sealants supplier for many different reasons:
  - OEM Partner
  - Quality Products
  - World Leadership & Availability
  - Warranty Requirements
  - Newest Innovative Products
- These are the reasons why Caterpillar uses Henkel chemicals in their factories and why they are now making even more products available through this program – direct to the dealer.

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## **THREADLOCKING**

LOCKING OF THREADED FASTENERS



#### **LOCTITE® 222MS™ THREADLOCKER**

LOW STRENGTH

Ideal for fastener diameters of ¼" (6 mm) and smaller, long engagement length fasteners, and components requiring occasional adjustment. Apply to threaded parts before assembly. Controlled lubricity for accurate clamp loads. Parts can be disassembled with hand tools. Approved for use in or around food processing areas.

Typical Use: Small screws under 1/4". Color/Viscosity: Purple, liquid

ltem	Container Size	Pack
22221	10 ml bottle	10
22231	50 ml bottle	10



## **LOCTITE® 242® THREADLOCKER**

**MEDIUM STRENGTH** 

Removable strength, general-purpose threadlocking adhesive well suited for fasteners between ¼" and ¾" diameter (6 mm to 20 mm). Applied to threaded components before assembly, LOCTITE® 242® Threadlocker has controlled lubricity for accurate clamp loads. Parts can be separated using hand tools.

**Typical Use**: 1/4" to 3/4" (6 mm to 20 mm)

fasteners.

Color/Viscosity: Blue, liquid

ltem	<b>Container Size</b>	Pack
24221	10 ml bottle	10
24231	50 ml bottle	10



## LOCTITE® 243™ THREADLOCKER

SURFACE INSENSITIVE / PRIMERLESS

A general-purpose, medium strength, primerless, blue threadlocker with improved oil tolerance. For fasteners between  $\frac{1}{4}$ " to  $\frac{3}{4}$ " (6 mm to 20 mm). Parts can be separated using hand tools.

Typical Use:  $\frac{1}{4}$ " to  $\frac{3}{4}$ " (6 mm to 20 mm) bolts with light oil contamination.

Color/Viscosity: Blue, liquid

ltem	Container Size	Pack
1329837 (formerly 24077)	10 ml bottle	10
1329467	50 ml hottle	10





## LOCTITE® 246™ THREADLOCKER

MEDIUM STRENGTH / HIGH TEMP

Resists oil and mild surface contamination at continuous temperatures to 450°F. Suitable for fasteners between 1/4" to 3/4" (6 to 20 mm) diameters.

Typical Use: High temperature, medium

strength

Color/Viscosity: Blue, liquid

ltem	Container Size	Pack
29513	10 ml bottle	10
29514	50 ml bottle	10
29515	250 ml bottle	10



#### LOCTITE® 248™ THREADLOCKER STICK

#### **MEDIUM STRENGTH/PRIMERLESS**

Semisolid stick form is convenient, portable, and great for hard-to-reach applications. General-purpose threadlocker for fasteners between 1/4" to 3/4" (6 mm to 20 mm). New formula bonds through contaminants and cures on metal without primer. Removable with hand tools.

Typical Use: 1/4" to 3/4" (6 mm to 20 mm) fasteners.

Color/Viscosity: Blue, semisolid

ltem	<b>Container Size</b>	Pack
37684	9 g stick	10
37087	19 g stick	5



#### LOCTITE® 249<sup>™</sup> THREADLOCKER TAPE

#### MEDIUM STRENGTH

The one and only threadlocker in a tape form. This revolutionary product offers the same reliability and performance as LOCTITE® removable grade threadlocking liquids. Convenient, durable package is a must for every toolbox. It is easy to apply and can be preapplied for future assembly.

Typical Use: 1/4" to 3/4" bolts, overhead pre-dispensed.

Color/Viscosity: Blue, tape

ltem	Container Size	Pack
1372603	260" Roll	10



#### **LOCTITE® 263™ THREADLOCKER**

#### HIGH STRENGTH / PRIMERLESS

Versatile, high strength liquid threadlocker. Reliably locks and seals metal fasteners up to 1". Engineered to cure consistently on a variety of metals, despite minor surface contaminants. Works on steel, stainless steel and most plated fasteners. Tolerates thread lubrication, anti-corrosion and protection fluids. Rated for 360°F (180°C). Heat required for removal.

Typical Use: Primerless, high strength Color/Viscosity: Red, liquid

ltem	Container Size	Pack
1330585	50 ml bottle	10
1330335	250 ml bottle	10





#### LOCTITE® 268™ THREADLOCKER STICK

#### HIGH STRENGTH/PRIMERLESS

Semisolid stick form is convenient, portable and great for hard-to-reach applications. Its high strength makes it well-suited for heavyduty applications of threaded fasteners up to 34" (20 mm). New formula bonds through contaminants and cures on metal without primer. Heat required for removal.

Typical Use: For fasteners up

to ¾" (20 mm).

Color/Viscosity: Red, semisolid

ltem	Container Size	Pack
37685	9 g stick	10
37686	19 g stick	5



#### **LOCTITE® 271™ THREADLOCKER**

#### HIGH STRENGTH

A high strength, low viscosity threadlocker for fasteners up to 1" (25.4 mm) in diameter.

Typical Use: For fasteners up to 1"

(25.4 mm).

Color/Viscosity: Red, liquid

ltem	Container Size	Pack
27121	10 ml bottle	10
27131	50 ml bottle	10



#### **LOCTITE® 272™ THREADLOCKER**

#### HIGH TEMPERATURE

Withstands temperatures to 450°F (232°C). This high strength, red threadlocker is formulated for heavy-duty applications. Prevents bolts up to 1.4" (36 mm) from loosening due to shock, severe vibration and heat stress. Exclusive formulation for newer engines and high performance applications where extreme temperature resistance is required. Removable with heat and hand tools.

**Typical Use:** High temperature applications. Color/Viscosity: Red, liquid

ltem	Container Size	Pack
27240	50 ml bottle	10

## **THREADLOCKING**

LOCKING OF THREADED FASTENERS



#### **LOCTITE® 277™ THREADLOCKER**

#### LARGE/HEAVY-DUTY BOLTS

A high strength adhesive for locking and sealing large bolts and studs 1.5" (38 mm) or larger in diameter. Heat may be required to weaken bond before parts can be disassembled.

Typical Use: High strength for large bolts. Color/Viscosity: Red, liquid

ltem	<b>Container Size</b>	Pack
21434	10 ml bottle	10
27731	50 ml bottle	10



#### LOCTITE® 2760™ THREADLOCKER

#### HIGH STRENGTH / FAST CURE

Particularly fast curing, eliminating the need for priming. It develops usable strength within one hour. Particularly suitable for heavy duty applications where resistance to heavy shock, vibration, and stress levels are required.

Typical Use: For heavy duty applications such as bolts used in transmissions, construction equipment or railroad

assemblies.

Color/Viscosity: Red, liquid

ltem	Container Size	Pack
32526	10 ml bottle	10
32525	50 ml bottle	10
32527	250 ml bottle	10
32528	1 liter bottle	1



#### **LOCTITE® 290™ THREADLOCKER**

#### **PENETRATING**

Recommended for locking pre-assembled fasteners, e.g., instrumentation screws, electrical connectors and set screws up to ½" (12 mm). Also seals porosities in welds and metal parts. Mil-Spec (S-46163A) Type III, Grade R. NSF/ANSI 61.

**Typical Use:** Wicking grade for pre-assembled parts.

Color/Viscosity: Green, liquid

ltem	Container Size	Pack
29031	50 ml bottle	10



#### **LOCTITE® 2620™ THREADLOCKER**

#### HIGH STRENGTH / ULTRA HIGH TEMP

Paste formula does not run or migrate, and withstands continuous exposure to temps up to 650°F (340°C). Disassembly requires heating above 650°F and disassembling while hot.

**Typical Use:** High strength, high heat for

fasteners ½" to ¾"

Color/Viscosity: Red, paste

ItemContainer SizePack113828230 gm syringe10



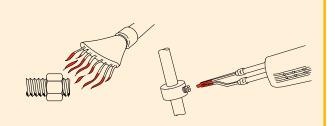
## THREADLOCKING, THREAD SEALING & RETAINING DISASSEMBLY

#### **LOW AND MEDIUM STRENGTH PRODUCTS**

Disassemble with hand tools.

#### HIGH STRENGTH PRODUCTS

- Apply localized heat (500°F or higher) to assembly for 5 minutes.
- · Disassemble with hand tools while hot.





LOCTITE® Product	Item Number	Package Size & Type	Fastener Size	Strength/ Use	Cure Time (Fixture/Full Strength)	Breakaway/ Prevail Torque (lb./in.)	Temperature Resistance	Agency Approvals
222MS™	22221 22231	10 ml bottle 50 ml bottle	1/4" (6 mm) diameter	Low strength	20 min. / 24 hrs.	53/30	-65°F to 300°F (-54°C to 150°C)	N/A
242®	24221 24231	10 ml bottle 50 ml bottle	¼" to ¾" (6 mm to 20 mm) diameter	Medium strength	10 min. / 24 hrs.	110/43	-65°F to 300°F (-54°C to 150°C)	MIL-S-46163A for existing designs, ASTM D-5363 for new designs, NSF/ANSI 61, NSF P1, ABS, CFIA
243™	1329837 1329467	10 ml bottle 50 ml bottle	¼" to ¾" (6 mm to 20 mm) diameter	Bolts with light oil contamination	5 min. / 24 hrs.	180/62	-65°F to 300°F (-54°C to 150°C)	NSF/ANSI 61, CFIA
246™	29513 29514 29515	10 ml bottle 50 ml bottle 250 ml bottle	1/4" to 3/4" (6 mm to 20 mm) diameter	Medium strength	5 min. / 24 hrs.	170/48	-65°F to 450°F (-54°C to 232°C)	N/A
248™ Stick	37684 37087	9 g stick 19 g stick	¼" to ¾" (6 mm to 20 mm) diameter	Medium strength	5 min. / 24 hrs.	226/36	-65°F to 300°F (-54°C to 150°C)	NSF/ANSI 61, CFIA
249™ Tape	1372603	260" tape	1/4" to 3/4" bolts	Medium strength	30 min. / 24 hrs.	74/47	-65°F to 300°F (-54°C to 150°C)	N/A
263™	1330585 1330335	50 ml bottle 250 ml bottle	up to 1"	High strength	10 min. / 24 hrs.	311/83	-65°F to 360°F (-54°C to 182°C)	NSF/ANSI 61, CFIA listed
268™ Stick	37685 37686	9 g stick 19 g stick	up to ¾" (25 mm) diameter	High strength	5 min. / 24 hrs.	220/4	-65°F to 300°F (-54°C to 150°C)	CFIA
271™	27121 27131	10 ml bottle 50 ml bottle	up to 1" (25 mm) diameter	High strength	10 min. / 24 hrs.	250/275	-65°F to 300°F (-54°C to 150°C)	MIL-S-46163A for existing designs, ASTM D-5363 for new designs, UL Classified for U.S., CFIA
272™	27240	50 ml bottle	1/4" to 3/4" (6 mm to 20 mm) diameter	High temperature applications	30 min. / 24 hrs.	325/320	-65°F to 450°F (-54°C to 232°C)	CFIA
277™	21434 27731	10 ml bottle 50 ml bottle	Large bolts	High strength	60 min. / 24 hrs.	275/275	-65°F to 300°F (-54°C to 150°C)	MIL-S-46163A for existing designs, ASTM D-5363 for new designs
290™	29031	50 ml bottle	up to ½" (12.7 mm) diameter	High strength	20 min. / 24 hrs.	90/260	-65°F to 300°F (-54°C to 150°C)	MIL-S-46163A for existing designs, ASTM D-5363 for new designs, NSF/ANSI 61, NSF P1, CFIA
2620™	1138282	30 gm syringe	½" to ¾" (12.7 mm to 20 mm) diameter	Ultra high temperature/ high strength	30 min. / 24 hrs.	161/10	-65°F to 650°F ( -54°C to 343°C)	CFIA
2760™	32526 32525 32527 32528	10 ml bottle 50 ml bottle 250 ml bottle 1 liter bottle	up to ¾"	High strength	4 min. / 24 hrs.	325/320	-65°F to 300°F (-54°C to 150°C)	CFIA



## **THREAD SEALING**

SEALING THREADED COMPONENTS



#### **LOCTITE® 536™ THREAD SEALANT**

LOW BREAKLOOSE

High performance, paste-like anaerobic compound, ideal for instant seals of tapered threads. Cures between close-fitting metal surfaces.

**Typical Use:** Industrial applications in chemical processing plants.

ltem	<b>Container Size</b>	Pack
1787978	50 ml tube	10
1787979	250 ml tube	10



#### **LOCTITE® 540™ RETAINING SEALANT**

CUP/CORE PLUG SEALANT

Designed for sealing core plugs and where non-migration is desired.

Typical Use: Sealing core plugs.

ltem	Container Size	Pack
54041	250 ml bottle	10



#### **LOCTITE® 542™ THREAD SEALANT**

FINE THREADS

Recommended for sealing the fine threads of hydraulic and pneumatic connectors.

Typical Use: General purpose, Overhead

applications.

Item	Container Size	Pack
21453	50 ml bottle	10



#### **LOCTITE® 545™ THREAD SEALANT**

HYDRAULIC/PNEUMATIC FITTINGS

Contains no fillers or particles that could contaminate system fluids, foul valves or clog fine filters and screens.

**Typical Use:** Hydraulic line fittings, Brake fittings, Transmission fluid fittings, PTO

fittings.

ItemContainer SizePack5453150 ml bottle10



#### LOCTITE® 561™ STICK

PIPE SEALANT WITH PTFE

For fast, reliable curing on metal, tapered pipe threads and fittings.

**Typical Use:** General purpose, Overhead applications.

ltem	<b>Container Size</b>	Pack
37127	19 g stick	5





#### **LOCTITE® 564™ THREAD SEALANT**

GENERAL PURPOSE

Cures rapidly to provide immediate lowpressure sealing. This general-purpose thread sealant's lower strength allows easy disassembly, and is recommended even on larger (>2 in. [50 mm]) diameter pipes. Protects mated threaded areas from rust and corrosion.

Typical Use: Large pipes, low strength

ltem	<b>Container Size</b>	Pack
28754	50 ml tube	10



#### **LOCTITE® 565™ THREAD SEALANT**

HIGH PERFORMANCE

A general-purpose instant sealant for metal, tapered and straight/tapered fittings. Cures rapidly to withstand 10,000 psi. Prevents galling and protects mated threaded areas from rust and corrosion. Controlled strength for ease of disassembly.

Typical Use: General purpose, metal fittings

ltem	<b>Container Size</b>	Pack
56531	50 ml tube	10
56541	250 ml tube	10



## LOCTITE® 567™ THREAD SEALANT HIGH TEMPERATURE

Locks and seals tapered pipe threads and fittings. Withstands temperature to 400°F with excellent solvent resistance. Cures rapidly to withstand 10,000 psi.

Typical Use: Stainless steel, aluminum

fittings

ltem	Container Size	Pack
56765	250 ml tube	10



# LOCTITE® 5113™ THREAD SEALANT WITH PTFE

Non-hardening, solvent based, with the added lubricity of PTFE for metal pipes. Won't shred like tape and allows easy disassembly.

Typical Use: General purpose, Thread

sealant.

ltem	Container Size	Pack
1527514	16 oz. can	12



### LOCTITE® 572™ THREAD SEALANT

COARSE THREADS

Medium-strength, general-purpose sealant. Slow curing to allow adjustment after application.

Typical Use: General purpose, Coarse

threads.

ltem	Container Size	Pack
21454	50 ml tube	12



#### LOCTITE® 5452™ THREAD SEALANT

FAST CURE HYDRAULIC/ PNEUMATIC FITTINGS

Contains no fillers or particles to contaminate.

Typical Use: General purpose, Pneumatic

hydraulic sealant, no fillers.

 Item
 Container Size
 Pack

 1265769
 50 ml tube
 10

 1265770
 250 ml tube
 10



#### **LOCTITE® 577™ THREAD SEALANT**

COARSE THREADS

Medium-strength, general-purpose sealant. For straight/straight and taper/straight threads.

Typical Use: General purpose, Coarse

threads.

 Item
 Container Size
 Pack

 2068749
 50 ml tube
 12

 (formerly 21456)
 250 ml tube
 10

 (formerly 21457)
 10



## LOCTITE® HEAD BOLT & WATER JACKET SEALANT

Single-component anaerobic hybrid that lubricates fasteners during assembly and seals gaps between threads. Eliminates corrosion.

Typical Use: Headbolts, water pump bolts,

thermostat housings, intake manifold bolts, temperature

sensors.

ItemContainer SizePack115851450 ml tube6



#### **LOCTITE® 592™ THREAD SEALANT**

CONTROLLED STRENGTH

Locks and seals threaded fittings. Parts may be repositioned up to 24 hours after application.

Typical Use: Medium strength.

ItemContainer SizePack5923150 ml tube10



#### **LOCTITE® THREAD SEAL TAPE**

CONTROLLED STRENGTH

Tape with plastic spool and shell. Used in applications with temperatures up to 500°F.

Typical Use: General purpose, oxygen-service compatible.

 Item
 Container Size
 Pack

 39904
 ½" x 520" x 0.003"
 144

## THREAD SEALING

SEALING THREADED COMPONENTS



#### **LOCTITE® 7088™ PRIMER STICK**

A semisolid primer for metal for use with LOCTITE® anaerobic threadlockers, thread sealers, gasketing and retaining products.

ltem	Container Size	Pack
1069258	17 g stick	10



#### **LOCTITE® 7091™ PRIMER, ACTIVATOR**

Anaerobic primer for increased bond integrity on dichromate electroplated and galvanized steel.

ltem	Container Size	Pack
18109	1 liter bottle	1



#### **LOCTITE® 7090™ PRIMER, ACTIVATOR**

A solvent-free surface primer/activator designed to promote the cure speed of LOCTITE® anaerobic products. It is especially recommended for applications with passive metals or inert surfaces and with large bond gaps.

ltem	Container Size	Pack
19368	1 fl. oz. bottle	10



#### **LOCTITE® 7649™ PRIMER**

A solvent-based primer that features very long on-part life. Use to speed the cure of all LOCTITE® anaerobic products and ensure proper cure on inactive metals. Ideal for cure conditions below room temperature.

ltem	Pack		
21348	4.5 oz. net wt. aerosol	10	



#### WHEN SHOULD I USE A LOCTITE® PRIMER?

**Speed up cure** — Significantly speed up the cure time of LOCTITE® threadlockers when assembling metal parts that are cold, have large gaps or deep threads. **Inactive metal assemblies\*** — When assembling metal parts with inactive surfaces, LOCTITE® primers are recommended to ensure proper performance of LOCTITE® threadlockers.

Please note: LOCTITE® Anaerobic Machinery Adhesives cure in the absence of air and presence of metal ions. When assembling inactive metal parts, which are low in metal ions, the use of LOCTITE® Primers is recommended to ensure proper performance of LOCTITE® Anaerobic Machinery Adhesives.

INACTIVE N	ACTIVE METALS	
(PRIMERS RECO	(PRIMERS OPTIONAL)	
Plated Parts Anodized Aluminum (Alodine®, Iridite™) Titanium Stainless Steel Galvanized Steel Magnetite Steel	Silver Gold Zinc Pure Aluminum Cadmium Magnesium Natural or Chemical Black Oxide	Iron Plain Steel Copper Brass Bronze Nickel Manganese Monel™ Kovar™







LOCTITE® Product	ltem Number	Package Size & Type	Color & Appearance	Viscosity (cP)	Temperature Range	Pressure Resistance (psi)	Recommended Primer	Agency Approvals
536™	1787978 1787979	50 ml tube 250 ml tube	White Paste	540,000 to 1,100,000	Up to 351°F (177°C)	10,000	7088™ or 7649™	N/A
540™	54041	250 ml bottle	Blue	Medium Thixotropic	-65°F to 300°F (-54°C to 150°C)	10,000	7649™	N/A
542™	21453	50 ml bottle	Brown	525/1,850 Thixotropic	-65°F to 300°F (-54°C to 150°C)	10,000	7088™	N/A
545™	54531	50 ml bottle	Purple	14,000	-65°F to 300°F (-54°C to 150°C)	10,000	7088™ or 7649™	Agriculture Canada, ABS
561™ Stick	37127	19 g stick	White Paste	Semisolid paste	-65°F to 300°F (-54°C to 150°C)	10,000	7649™	UL Classified for U.S. ULC Classified for Canada, CSA International, NSF/ANSI 61, CFIA
564™	28754	50 ml tube	White	90,500	-65°F to 300°F (-54°C to 150°C)	10,000	7088™	NSF/ANSI 61, CFIA
565™	56531 56541	50 ml tube 250 ml tube	White Paste	300,000	-65°F to 300°F (-54°C to 150°C)	10,000	7088 <sup>™</sup> , 7649 <sup>™</sup> or 7471 <sup>™</sup>	CSA International, UL Classified for U.S., NSF/ANSI 61, CFIA, ULC Classified for Canada
567™	56765	250 ml tube	White Paste	540,000	-65°F to 400°F (-54°C to 204°C)	10,000	7088 <sup>™</sup> , 7649 <sup>™</sup> or 7471 <sup>™</sup>	UL Classified for U.S., NSF/ ANSI 61, ABS, CFIA, ULC Classified for Canada
572™	21454	50 ml tube	White Paste	28,800 to 77, 000	-65°F to 300°F (-54°C to 150°C)	10,000	7471™ or 7469™	N/A
577™	2068749 2068748	50 ml tube 250 ml tube	Yellow	24,000/80,000 Thixotropic	-65°F to 355°F (-54°C to 180°C)	10,000	7088 <sup>™</sup> , 7649 <sup>™</sup> or 7471 <sup>™</sup>	N/A
592™	59231	50 ml tube	White Paste	350,000	-65°F to 400°F (-54°C to 204°C)	10,000	7088™ or 7649™	CFIA
5113™ Thread Sealant with PTFE	1527514	16. oz. can	White Paste	50,000 to 60,000	-65°F to 300°F (-54°C to 150°C)	5,000	N/A	Conforms to MIL-T-27730
5452™	1265769 1265770	50 ml tube 250 ml tube	Purple Gel	29,000/200,000 Thixotropic	-65°F to 300°F (-54°C to 150°C)	10,000	7088™ or 7649™	N/A
Head Bolt & Water Jacket Sealant	1158514	50 ml tube	Black	Paste	-65°F to 300°F (-54°C to 150°C)	10,000	7649™	N/A
Thread Seal Tape	39904	½" x 520" x 0.003"	White Tape	N/A	Up to 500°F (260°C)	Pressure rating for pipe	N/A	CFIA

LOCTITE® Product	Item	Package Size & Type	Color	Viscosity (cP)	Base	On-Part Life	Dry Time	Application	Agency Approvals
7088™ Primer	1069258	17 g stick	Teal	Semisolid	No solvent	30 days	None	Anaerobics	N/A
7090™ Primer, Activator	19368	1 fl. oz. bottle	Light Amber	3	No solvent	1 hour	<10 minutes	Anaerobics	N/A
7091™ Primer, Activator	18109	1 liter bottle	Blue	1.03	Monomer	1 hour	None	Anaerobics	N/A
7649™ Primer	21348	4.5 oz. net wt. aerosol can	Clear / Green	2	Acetone	30 days	30 to 70 seconds	Anaerobics	MIL-S-22473E for existing designs, ASTM D-5363 for new designs, NSF/ANSI 61, NSF P1, CFIA

## RETAINING

SECURING CYLINDRICAL ASSEMBLIES



#### LOCTITE® 603™ RETAINING COMPOUND

PRESS FIT/OIL TOLERANT

For retaining close-fitting cylindrical parts, up to 0.005" (0.1 mm) gap and for use on cylindrical fitting parts where thorough degreasing is not possible.

Typical Use: Retaining roller bearings or oil-impregnated bushings into housings.

ltem	Container Size	Pack
21440	10 ml bottle	10
21441	50 ml bottle	10



#### LOCTITE® 609™ RETAINING COMPOUND

PRESS FIT/GENERAL PURPOSE

Recommended for parts that will need subsequent dismantling, i.e., retention of bearings onto shafts and into housings. Mil-Spec (R-46082B) Type I.

Typical Use: First generation to augment

press fits.

ltem	Container Size	Pack
60921	10 ml bottle	10
60931	50 ml bottle	10



#### LOCTITE® 620™ RETAINING COMPOUND

SLIP FIT/HIGH TEMPERATURE

Recommended for high temperature retaining of parts with a clearance or interference fit, i.e., retaining bushes, bearings, seals, fans and liners. Requires heat cure to achieve temperature resistance. ABS approved.

**Typical Use:** For high temperature applications.

ltem	Container Size	Pack
62015	10 ml bottle	10
62040	50 ml bottle	10



# LOCTITE® 638™ RETAINING COMPOUND SLIP FIT/MAXIMUM STRENGTH

A maximum strength retaining compound for use where high dynamic force or cyclic loading is expected. Locks cylindrical assemblies up to 0.010" (0.254 mm) diametral clearance. Fixtures in 4 minutes. No primer needed; oil tolerant.

Typical Use: For high strength applications.

ltem	Container Size	Pack
1835936	50 ml bottle	10





#### LOCTITE® 640™ RETAINING COMPOUND

SLIP FIT/MAXIMUM STRENGTH

High temperature anaerobic adhesive that secures slip and press fit assemblies. Adds up to 3,000 psi holding power. Restores fit to worn or out-of-tolerance assemblies. Prevents surface corrosion. Works to 400°F (204°C).

Typical Use: For high strength applications.

ltem	Container Size	Pack
64031	50 ml bottle	10
64041	250 ml bottle	10



#### LOCTITE® 648™ RETAINING COMPOUND PRESS FIT/HIGH STRENGTH/ RAPID CURE

Best performance for clearance/interferance fit parts. Bonds through contaminants. Cures on metal without primer. Applications include retaining roller bearings or oil-impregnated bushings into housings.

Typical Use: Fast fixturing for close-fitting

parts. High strength for stainless steel.

ltem	<b>Container Size</b>	Pack
1835920	50 ml bottle	10



#### LOCTITE® 660™ RETAINING COMPOUND

#### PRESS FIT REPAIR

A creamy, non-running gel that is applied onto cylindrical parts to fill surface imperfections and repair worn areas. It contains no metal, but once assembled, it hardens to a strength that often doubles that of a press fit. Use to 300°F (150°C).

Typical Use: Salvage worn metallic parts.

ItemContainer SizePack6604050 ml tube10



# LOCTITE® 668™ RETAINING COMPOUND STICK

#### GENERAL PURPOSE

A high temperature retaining compound in a revolutionary semisolid formula. Patented, no-mess package offers added convenience and portability. Ideal for gaps up to 0.005" (0.127 mm) on the diameter. Withstands temperatures to 400°F (204°C).

Typical Use: General purpose;

high temperature.

ItemContainer SizePack3914819 g stick5



#### LOCTITE® 680™ RETAINING COMPOUND

#### GENERAL PURPOSE

A high strength, high viscosity room temperature curing adhesive used to join fitted cylindrical parts. It fixtures in 10 minutes and provides a shear strength of 4,000 psi. Capable of filling diametral gaps up to 0.015" (0.38 mm).

Typical Use: High strength, primerless, oil

tolerant, for slip-fitted parts,

fixture 4 min.

ItemContainer SizePack183520150 ml bottle10

LOCTITE® PRODUCT	Item Number	Package Size & Type	Max. Gap Fill (Diameter)	Viscosity (cP)	Temperature Range	Cure Speed	Recommended Primer	Shear Strength Steel/Steel (psi)	Agency Approvals
603™	21440 21441	10 ml bottle 50 ml bottle	0.005"	125	-65°F to 300°F (-54°C to 150°C)	Fixture – 10 min. Full – 24 hrs.	7088™ or 7649™	3,770	N/A
609™	60921 60931	10 ml bottle 50 ml bottle	0.005"	125	-65°F to 300°F (-54°C to 150°C)	Fixture – 10 min. Full – 24 hrs.	7088™ or 7649™	2,300 (minimum)	MIL-R-46082B for existing designs, ASTM D-5363 for new designs, CFIA
620™	62015 62040	10 ml bottle 50 ml bottle	0.015"	8,500	-65°F to 450°F (-54°C to 232°C)	Fixture – 30 min. Full – 24 hrs.	7088 <sup>™</sup> or 7649 <sup>™</sup>	3,800	CFIA, ABS
638™	1835936	50 ml bottle	0.015"	2,500	-65°F to 355°F (-54°C to 180°C)	Fixture – 4 min. Full – 24 hrs.	7088™ or 7649™	4,500	CFIA
640™	64031 64041	50 ml bottle 250 ml bottle	0.007"	600	-65°F to 400°F (-54°C to 204°C)	Fixture – 30 min. Full – 24 hrs.	7088™ or 7649™	3,200	MIL-R-46082B for existing designs, ASTM D-5363
648™	1835920	50 ml bottle	0.006"	500	-65°F to 355°F (-54°C to 180°C)	Fixture – 3 min. Full – 24 hrs.	7088™ or 7649™	3,900	N/A
660™	66040	50 ml tube	0.020"	250,000/ 1,500,000 Thixotropic	-65°F to 300°F (-54°C to 150°C)	Fixture – 20 min. Full – 24 hrs.	7088™ or 7649™	3,335	CFIA
668™ Stick	39148	19 g stick	0.005"	Semisolid	-65°F to 400°F (-54°C to 204°C)	Fixture – 30 min. Full – 24 hrs.	7088™ or 7649™	1,870	N/A
680™	1835201	50 ml bottle	0.015"	1,250	-65°F to 355°F (-54°C to 180°C)	Fixture – 4 min. Full – 24 hrs.	7088™ or 7649™	4,000	NSF/ANSI 61, ABS, CFIA

## **GASKETING**

SEALING OF FLANGES

#### ANAEROBIC SEALING

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#### **LOCTITE® 510™ FLANGE SEALANT**

Product withstands temperatures to 400°F (204°C) and has excellent solvent and chemical resistance. Fills gaps up to 0.010" (0.254 mm) and maintains clamping loads for strong, leakproof assemblies. Makes or dresses gaskets in rigid assemblies. Eliminates gasket compression set.

**Typical Use:** General gasketing, needing high temperature resistance.

ltem	<b>Container Size</b>	Pack
51031	50 ml tube	10



#### **LOCTITE® 515™ FLANGE SEALANT**

Makes flexible gaskets for rigid machined flanges with less than 0.050" (1.27 mm) gap. Flexes when flanges move in service.

**Typical Use:** General gasketing, ideal for flanges that move in service.

ltem	Container Size	Pack
51531	50 ml tube	10
51580	300 ml cartridge	10



#### **LOCTITE® 518™ FLANGE SEALANT**

Forms a flexible, solvent-resistant seal that will not tear or decay. Seals to 300°F (150°C) and fills gaps to 0.050" (1.27 mm). Can be used on flexible metal assemblies, including aluminum surfaces. Easy disassembly and cleaning.

Typical Use: Ideal for on-the-spot and

emergency repairs, or when a conventional gasket is out

of stock.

ltem	<b>Container Size</b>	Pack
2096064	50 ml tube	10
(formerly 51	831)	

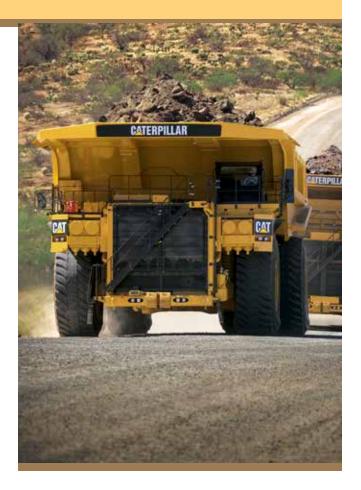


#### LOCTITE® 548™ FLANGE SEALANT STICK

Patented semisolid formula is ideal for on-the-spot repairs, or when a conventional gasket is out of stock. Can be applied quickly and neatly on a variety of metal surfaces, including aluminum, to form a flexible, solvent resistant seal. Seals to 300°F (150°C) and fills gaps to 0.010" (0.254 mm).

**Typical Use:** Vertical applications, cast metal housings.

ltem	Container Size	Pack
39152	19 g stick	5





#### **LOCTITE® 574™ FLANGE SEALANT**

Seals close-fitting joints between rigid metal faces and flanges. Provides resistance to low pressures immediately after assembly. Has a high oil tolerance and excellent water and glycol resistance.

Typical Use: Form-in-place gasket on rigid

flanged connections; cast iron components, aluminum components, pump housings.

Container Size	Pack
50 ml tube	10
250 ml bottle	10
	50 ml tube



## LOCTITE® 2892™ FLANGE SEALANT – HIGH TEMP

Improves flange-sealing reliability by overcoming the shortcomings of pre-cure gaskets and other gasket products. After curing between mating metal flanges and filling surface imperfections, it provides a tough, resilient, solvent- and temperature-resistant seal that flexes with flange movements caused by vibration, pressurization or thermal changes.

Typical Use: Flexible applications.

ltem	<b>Container Size</b>	Pack
38364	50 ml tube	10





# LOCTITE® 5127™ FLEXIBLE ANAEROBIC GASKET FLANGE SEALANT

A single component, ready-to-use, gel-like material that cures at room temperature. After curing between mating metal flanges and filling surface imperfections, it provides a tough, resilient, solvent- and temperature-resistant seal that flexes with flange movements caused by vibration, pressurization or thermal changes.

Typical Use: Flexible applications.

ltem	Container Size	Pack
17430	300 ml cartridge	10



# LOCTITE® HIGH FLEX FORM-IN-PLACE GASKET

Flexible form-in-place gasket provides high temperature resistance and more flexibility. Fills gaps to 0.020" (0.5 mm) and cures to a tough solvent-resistant gasket that flexes with flange movement caused by vibration, pressurization or thermal change. Operating temperature limits of -63°F to 350°F (-54°C to 177°C).

**Typical Use:** Areas where conventional gaskets are used.

ltem	Container Size	Pack
38657	50 ml tube	6
38628 (Cana	ada) 50 ml tube	6



#### **LOCTITE® 5188™ FLANGE SEALANT**

An ultra-tough anaerobic gasketing material with high elongation & toughness even after exposure to elevated temperature (up to 300°F continuous). High flexibility makes it perfect for large, highly stressed flanges.

**Typical Use:** Flange sealant "High Flex" for rigid metal flanges.

ltem	<b>Container Size</b>	Pack
1253203	50 ml tube	10
1241991	300 ml cartridge	10



## **GASKETING**

SEALING OF FLANGES

#### SILICONE SEALING



#### LOCTITE® SI 587™ BLUE – HIGH PERFORMANCE RTV SILICONE

#### **GASKET MAKER**

Recommended for sealing all types of flanges, including stamped sheet metal. Designed for superior bonding properties to oil-contaminated metals.

**Typical Use:** Valve covers, oil pans, timing covers, transmission pans,

differential covers.

Item	<b>Container Size</b>	Pack
58730	70 ml tube	12
58775	300 ml cartridge	10
40462	190 ml power can	6



#### LOCTITE® SI 5045™ ADHESIVE/SEALANT

The non-slumping nature of this product makes it ideal for reinforcing and strain-relieving delicate components. LOCTITE® SI 5045™ resists weathering, moisture and ozone, and retains its properties through severe environments. This product is typically used in applications up to 200 °C.

Typical Use: Military, high tensile.

ltem	Container Size	Pack
40409	3 oz. tube	10
40408	300 ml cartridge	10



#### LOCTITE® SI 596™ RED – HIGH TEMP RTV SILICONE

Makes gaskets that resist temperatures to 600°F (315°C) intermittent. Resists aging, weather, and thermal cycling without shrinking, cracking or hardening. Fills gaps to 0.25" (6.35 mm).

**Typical Use:** Automotive gasketing applications.

ltem	Container Size	Pack
59630	80 ml tube	12
40465	190 ml power can	6
59675	300 ml cartridge	10



#### LOCTITE® SI 5600™ ADHESIVE/SEALANT

SI 5600™ is a two-part, non-corrosive adhesive/sealant. It is flexible and fast with a 5-minute fixture time and high adhesion.

**Typical Use:** Ideal for potting/encapsulating applications.

ltem	Container Size	Pack
922546	400 ml dual cartridge	10



#### LOCTITE® SI 598™ BLACK – HIGH PERFORMANCE RTV SILICONE

#### **GASKET MAKER**

Fast-curing formula. Sensor-safe, low odor, noncorrosive. Meets performance specs of OE silicone gaskets. Retains high flexibility, oil resistance properties. Temperature range: -75°F to 625°F (-59°C to 329°C) intermittent; resists auto and shop fluids and vibration.

**Typical Use:** Oil pans, valve covers, timing gear covers.

ltem	<b>Container Size</b>	Pack
59830	70 ml tube	12



#### LOCTITE® SI 5699™ GREY – HIGH PERFORMANCE RTV SILICONE

#### GASKET MAKER

Designed for high torque applications. Exceeds manufacturers' performance requirements. Remains flexible and withstands high vibration. Low odor. Noncorrosive. Outstanding oil resistance. Temperature range: -75°F to 625°F (-59°C to 329°C) intermittent; resists auto and shop fluids.

Typical Use: Rigid flange sealing of

transmissions and cast metal housings.

ltem	<b>Container Size</b>	Pack
18718	70 ml tube	6
40505	190 ml power can	6
18581	300 ml cartridge	10



#### **LOCTITE® SI 5900™ INSTANT GASKET**

Makes high-performance, leakproof gaskets in one minute. Equipment can be returned to service immediately. Blowout resistant. Outperforms precut gaskets. Black in color. Excellent fluid resistance, non-corrosive, low odor, low volatility.

Typical Use: Improved heat transfer;

repositionable; high adhesion;

instant sealant.

ltem	Container Size	Pack
30509	5 oz. cartridge	6
40478	90 ml power can	6
40479	190 ml power can	6
20166	300 ml cartridge	10



#### **LOCTITE® SI 5910® FLANGE SEALANT**

A one part RTV silicone that has superior flexibility and adhesion. Excellent fluid resistance. Medium body and easy to dispense. Noncorrosive, low odor, low volatility. Black in color.

Typical Use: Oxime paste silicone, oil resistant.

ltem	<b>Container Size</b>	Pack
21746	300 ml cartridge	10



#### LOCTITE® SI 5920™ COPPER HIGH PERFORMANCE RTV SILCONE

#### **GASKET MAKER**

A one-part RTV silicone that has superior flexibility and adhesion. Excellent high temperature resistance. Medium body and easy to dispense. Non-corrosive, low odor, low volatility. Copper in color.

Typical Use: Valve covers, oil pans, timing

covers, water pumps and

thermostat housings.

ltem	<b>Container Size</b>	Pack
82046	300 ml cartridge	10
30542	70 ml tube	12



#### **LOCTITE® SI 5999™ FLANGE SEALANT**

For rigid flange assemblies. Provides instant seal. Excellent fluid resistance. noncorrosive, low odor, low volatility. Grey in color.

Typical Use: Oil, water resistant, instant seal.

ltem	Container Size	Pack
21744	300 ml cartridge	10



# LOCTITE® SI 7657™ COPPER GASKET ADHESIVE

Fast drying, metallic copper sealant helps dissipate heat, prevents gasket burnout and improves heat transfer. Seals instantly. Fills hot spots and surface imperfections. Resists all types of automotive fluids.

Typical Use: Cylinder head gaskets, exhaust

manifold gaskets, high temp

applications

ltem	Container Size	Pack
30535	9 oz aerosol	12



## **GASKETING**

SEALING OF FLANGES

#### GASKET DRESSINGS /SEALANTS



#### **LOCTITE® 534™ HI-TACK STICK**

GASKET DRESSING

No mess, semisolid formula offers added control and ease of use. Patented package is portable and won't leak or spill. Seals and holds the heaviest gaskets in place during assembly. Solvent-free and low odor. Suitable to 300°F (150°C).

Typical Use: Vertical and repositionable

applications.

ltem	<b>Container Size</b>	Pack
39156	19 a stick	5



#### LOCTITE® MR 5009™ HI-TACK GASKET SEALANT

Red-colored, liquid sealant that holds gaskets in place during assembly. Seals and bonds rubber, cork, paper, felt, metal, and asbestos gaskets. Sets quickly to a very tacky film. Suitable to 500°F (260°C). Contains no ozone-depleting chemicals.

Typical Use: Improved heat transfer;

repositionable.

ltem	Container Size	Pack
30526	9 oz. aerosol	12
1540591	16 oz. brush-top can	12
Iformarly 30	1525)	

(formerly 30525)



#### LOCTITE® MR 5923™ GASKET DRESSING

Known as AVIATION GASKET SEALANT

Slow-drying, non-hardening brush-top sealant approved for use in aviation as well as automotive applications. Temperature range: -65°F to 400°F (-54°C to 204°C); resists gasoline, oil and grease.

Typical Use: Close tolerances/slow cure.

ItemContainer SizePack152202916 oz. brush-top can12



#### LOCTITE® MR GS1™ GASKET SEALANT

Reliable, paste-like gasket sealant/dressing/coating. Dries quickly to a hard set.

Recommended for rigid, permanent assemblies.

Temperature range: -65°F to 400°F (-54°C to 204°C); resists common shop fluids and fuels.

Typical Use: Threaded connections, air ducts,

plumbing connections.

ltem	Container Size	Pack
30510	1.5 oz. tube	12
30512	7 oz. tube	12



#### LOCTITE® MR GS2™ GASKET SEALANT

Reliable, paste-like gasket sealant/dressing/coating. Sets more slowly to a pliable film. Best suited for non-rigid, vibrating assemblies. Allows for easy disassembly if required. Temperature range: -65°F to 400°F (-54°C to 204°C); resists common shop fluids and fuels.

Typical Use: Valve cover and oil pan gaskets,

threaded connections.

ltem	Container Size	Pack
30514	3 oz. tube	12
30515	7 oz. tube	12



#### LOCTITE® NS 5109™ HIGH TEMP GASKET SEALANT

A slow-setting, non-hardening, high-temperature sealant. Seals up to 5,000 psi at temps up to 600°F intermittent. Resists common shop fluids. Recommended for heavy-duty applications.

Typical Use: Heating systems, steam lines.

ItemContainer SizePack305587 fl oz tube10

ANAEROBIC SE	ALING						
LOCTITE® Product	Item Number	Package Size & Type	Color	Temperature Range	Gap Fill (Inches)	Fixture/ Cure Time	Agency Approvals
510™	51031	50 ml tube	Red	-65°F to 400°F (-54°C to 204°C)	0.01 (0.02 w/primer)	Unprimed – 4 to 24 hours Primed – 30 minutes to 4 hours	N/A
515™	51531 51580	50 ml tube 300 ml cartridge	Purple	-65°F to 300°F (-54°C to 150°C)	0.01 (0.05 w/primer)	Unprimed – 1 to 12 hours Primed – 15 minutes to 2 hours	UL Classified for U.S.
518™	2096064	50 ml tube	Red	-65°F to 300°F (-54°C to 150°C)	0.01 (0.05 w/primer)	Unprimed – 4 to 24 hours Primed – 30 minutes to 4 hours	NSF/ANSI 61, CFIA
548™ Flange Sealant Stick	39152	19 g stick	Orange	-65°F to 300°F (-54°C to 150°C)	0.01	Less than 3 hrs. with or without a primer	CFIA
574™	24018 26338	50 ml tube 250 ml tube	Orange	-65°F to 300°F ( -54°C to 150°C)	0.01	Full Strength – 24 hrs.	N/A

ANAEROBIC SEALING							
LOCTITE® Product	Item Number	Package Size & Type	Color	Temperature Range	Gap Fill (Inches)	Fixture/ Cure Time	Agency Approvals
2892™	38364	50 ml tube	Blue	-65°F to 350°F (-54°C to 177°C)	0.01	Full Strength – 24 hrs.	N/A
5127™	17430	300 ml cartridge	Blue	-65°F to 300°F (-54°C to 150°C)	0.01	Unprimed – 4 to 24 hours Primed – 1 to 24 hours	N/A
5188™	1253203 1241991	50 ml tube 300 ml cartridge	Red	-65°F to 300°F (-54°C to 150°C)	0.005	Full Strength – 24 hrs.	N/A
High Flex Form-In- Place Gasket	38657 38628 (Canada)	50 ml tube	Blue	-65°F to 320°F (-54°C to 160°C)	0.02	Unprimed – 2 hours Primed – 10 minutes	N/A

SILICONE SEAL	ING						
LOCTITE® Product	Item Number	Package Size & Type	Color	Temperature Range	Oil Resistance	Time to Service/Full Cure	Agency Approvals
SI 587™	58730 58775 40462	70 ml tube 300 ml cartridge 190 ml power can	Blue	-75°F to 500°F (-59°C to 260°C)	Increased oil resistance	Tack-Free – 30 minutes Full Strength – 24 hrs	NSF P1, CFIA, ABS
SI 596™	59630 40465 59675	80 ml tube 190 ml power can 300 ml cartridge	Red	-75°F to 600°F (-59°C to 316°C)	N/A	Tack-Free – 30 minutes Full Strength – 24 hrs	CFIA
SI 598™	59830	70 ml tube	Black	-75°F to 625°F (-59°C to 329°C)	Excellent oil resistance	Tack-Free – 30 minutes Full Strength – 24 hrs	American Bureau of Shipping, CFIA
SI 5045™	40409 40408	3 oz tube 300 ml cartridge	Clear	-65°F to 400°F (-54°C to 204°C)	N/A	Tack-Free – 1.5 hours Full Strength – 24 hrs	MIL-A-46146B
SI 5600™	922546	400 ml dual cartridge	Black	-40°F to 450°F (-40°C to 232°C)	Oil resistance	Tack-Free – 10 minutes Full Strength – 24 hrs.	UL Classified for U.S.
SI 5699™	18718 40505 18581	70 ml tube 190 ml power can 300 ml cartridge	Grey	-75°F to 625°F (-59°C to 329°C)	Increased oil resistance	Tack-Free – 30 minutes Full Strength – 24 hrs	CFIA
SI 5900™	30509 40478 40479 20166	5 oz cartridge 90 ml power can 190 ml power can 300 ml cartridge	Black	-65°F to 500°F (-54°C to 260°C)	Excellent oil/water resistance	Instant Seal Tack-Free – 20 minutes Full Strength – 24 hrs	NSF P1 NSF P1, CFIA
SI 5910™	21746	300 ml cartridge	Black	-65°F to 500°F (-54°C to 260°C)	Oil resistance	Tack-Free – 20 minutes Full Strength – 24 hrs	CFIA
SI 5920™	30542 82046	70 ml tube 300 ml cartridge	Copper	-65°F to 700°F (-54°C to 371°C)	Increased oil resistance	Tack-Free – 60 minutes Full Strength – 24 hrs	CFIA
SI 5999™	21744	300 ml cartridge	Grey	-75°F to 625°F (-59°C to 329°C)	Excellent oil/water resistance	Instant Seal Tack-Free – 10 minutes Full Strength – 24 hrs	N/A

GASKET DRESSINGS/SEALANTS							
LOCTITE® PRODUCT	Item Number	Package Size & Type	Color	Temperature Range	Oil Resistance	Cure Time	Agency Approvals
534™ Hi-Tack Stick	39156	19 g stick	Purple	-65°F to 300°F (-54°C to 150°C)	Excellent oil resistance	Sets in 5 minutes (repositionable)	N/A
MR 5009™	30526 1540591	9 oz. aerosol 16 oz. brush-top can	Red	-65°F to 540°F (-54°C to 260°C)	Increased oil resistance	Sets in 5 minutes (repositionable)	N/A
MR 5923™	1522029	16 oz. brush-top can	Dark Reddish- Brown	-65°F to 400°F (-54°C to 204°C)	Oil resistant	Full Strength – 12 hrs.	CFIA
MR GS1™	30510 30512	1.5 oz tube 7 oz tube	Reddish-Brown	-65°F to 400°F (-54°C to 204°C)	Oil resistant	Full Strength – 24 hrs.	CFIA
MR GS2™	30514 30515	1.5 oz tube 7 oz tube	Black	-65°F to 400°F (-54°C to 204°C)	Oil resistant	Remains tacky	N/A
NS 5109™	30558	7 fl oz tube	Black Paste	-65°F to 600°F (-54°C to 315°C)	Oil resistant	3 to 5 hours to set	CFIA
SI 7657™	30535	9 oz aerosol	Copper	-50°F to 500°F (-45°C to 260°C)	Oil resistant	Remains tacky	N/A

## **LUBRICANTS**

GREASES / OILS / FILMS



## LOCTITE® LB 8017™ MOLY DRY FILM LUBRICANT

Solid film lubricant for sliding surfaces and slow-moving parts. Temperature resistant up to 750°F (400°C) as a dry film lubricant, 2400°F (1315°C) as an anti-seize. Won't squeeze out, burn off or pick up dirt.

Typical Use: Heavy-duty lubricant for plant and machine maintenance.

Item	Container Size	Pack
1786074	12 oz. aerosol	12



#### LOCTITE® LB 8040™ FREEZE & RELEASE

Instantly chills seized and rusted parts (bolts, nuts, studs) down to -38°F (-39°C). The exceptional shock-freeze action causes microscopic cracks in the layer of rust, allowing the lubricating ingredient to wick directly into the rust by capillary action.

**Typical Use:** Removing rusty nuts, bolts and assemblies.

Item	Container Size	Pack
2343777	13.52 oz. aerosol	6



#### LOCTITE® LB 8304™ HIGH PERFORMANCE SYNTHETIC GREASE

Formerly ViperLube® Grease

NLGI Grade 2/Severe Duty GC-LB Grease provides protection against equipment exposed to a wide range of temperatures. Use as a lubricant and protective anti-rust film on bearings and machine parts, or as a release agent on gaskets and seals. NSF H1 rated for incidental food contact.

Typical Use: Equipment, gears, bearings and cables.

ltem	Container Size	Pack
36781	3 oz. tube	12
1906102	10.1 oz. aerosol	12
36782	14 oz. cartridge	12
36783	400 g can	12



#### LOCTITE® LB 8632™ CLEAR HIGH PERFORMANCE SYNTHETIC GREASE

This clear, synthetic grease lasts four times longer than petroleum-based lubricants. Withstands temperatures to 420°F. Contains PTFE for added protection against friction and wear. Non-flammable and contains no ozone-depleting compounds. NLGI #2 grade.

Typical Use: Equipment, gears, bearings and cables.

ltem	Container Size	Pack
39341	3 oz tube	12
39342	400 gm cartridge	12





#### LOCTITE® LB 8711™ PENETRATING OIL

Heavy-duty penetrant for rusted and frozen assemblies. Works quickly to penetrate and loosen rust, tar, grease, dirt, carbon deposits and corrosion from metal parts. Frees frozen nuts, bolts and fittings in all types of assemblies.

**Typical Use:** Lubricates to free any corroded or seized part. Penetrates rust,

scale, paint, varnish, carbon or dum.

ltem	Container Size	Pack
51221	12 oz. aerosol	12



# LOCTITE® LB 8713™ SUPER PENETRATING OIL

Frees rusted parts and keeps them lubricated and protected from rust after use. May be applied on or near moving parts. Will not harm painted surfaces. Contains no ozone-depleting compounds. CFIA approved.

Typical Use: Break the bond of oxidized

metal and release rusted or frozen parts.

ltem	Container Size	Pack
1865406	13 oz. aerosol	12





#### **LOCTITE® LB 8028™ CAMSHAFT LUBE**

Extreme pressure camshaft lubricant with molybdenum disulfide protects camshaft lobes from galling at start-up. Also ideal for flat tappet lifter faces and distributor gears.

**Typical Use:** Camshaft lubrication used at time of gas & diesel engine

assembly.

ltem	<b>Container Size</b>	Pack
1787977	1 oz. pouch	24
2206852	8 oz brushtop can	12



#### LOCTITE® LB 8029™ KRYTOX® RFE LUBRICANT

Synthetic grease formulated specifically for severe environments. Great for lubricating O-rings. Excellent lubrication properties over a broad temperature range and in chlorine processing.

**Typical Use:** O-ring Lube. Contains both PFPE and PTFE, formulated for severe

environments.

ltem	Container Size	Pack
29710	2 oz. tube	10
31361	16 oz. cartridge	2



#### LOCTITE® LB 8211™ KRYTOX® RFE DRY FILM LUBRICANT

A high performance, synthetic lubricant designed to provide long-lasting lubrication for parts that require a dry, thin lubricating film. This lubricant provides excellent lubrication properties over a broad temperature range, and dries to the touch in 60 seconds. It is non-oily, non-staining, non-migrating, and won't attract dirt or dust.

Typical Use: Dry Film Lubricant with PTFE.

Item Container Size Pack
30138 8 oz. aerosol 12



#### LOCTITE® LB 8421™ GEAR/CHAIN LUBE

Protects and prolongs the life of gears, chains, wire rope and cable. Repels dirt, sand and dust with minimal "throw-off" from centrifugal force. Contains no ozone-depleting compounds.

Typical Use: Lubricant for any chain-driven

tool or vehicle.

ltem	Container Size	Pack	
1906177	12 oz. aerosol	12	



#### LOCTITE® LB 8801™ SILICONE LUBRICANT

Multipurpose lubricant stops sticking, friction, squeaking and binding of moving parts. Non-gumming. Will not mar paint, rubber or plastic surfaces. Waterproofs and electrically insulates. CFIA approved.

Typical Use: Chain-driven equipment.

ltem	Container Size	Pack
51360	5.3 oz. tube	12
81246	13 oz. aerosol	12



#### LOCTITE® LB 8042™ WHITE LITHIUM GREASE

Lubricating paste for metal-to-metal and metal-to-plastic applications. Provides corrosion protection. Contains no ozone-depleting compounds.

**Typical Use:** General purpose.

ltem	<b>Container Size</b>	Pack
30530	1.5 oz. tube	12
1906122	10.75 oz. aerosol	12

## **LUBRICANTS**

GREASES / OILS / FILMS



# LOCTITE® DIELECTRIC TUNE-UP GREASE

Provides a moisture-proof barrier that lubricates and protects electrical equipment from salt, dirt and corrosion. High dielectric strength. Good thermal, oxidation and chemical stability.

Typical Use: Electrical equipment.

ltem	Container Size	Pack
37535	3 oz. tube	6



#### BONDERITE® L-MR CR 20™

A light viscosity oil designed for grinding ferrous and nonferrous alloys. Its unique composition of corrosion inhibitors, Extreme Pressure (EP) additives, anti-mist agents and lubricity additives provide a durable product for today's grinding and stamping operations.

Typical Use: Medium viscosity grinding fluid.

ltem	Container Size	Pack
594878	5 gal. pail	1



#### BONDERITE® L-MR CR 26™

A unique composition of corrosion inhibitors, Extreme Pressure (EP) additives, anti-mist agents and lubricity additives which provides a durable straight oil product for today's moderate broaching operation.

Typical Use: Low viscosity cutting oil.

ltem	Container Size	Pack
910512	5 gal. pail	1



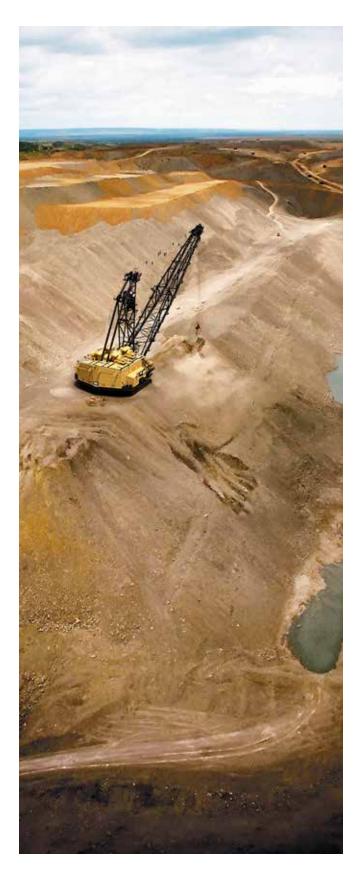
#### BONDERITE® S-OT 40™

A water-based, very slightly viscous liquid lubricant for automatic or manual tire mounting operations. Safe on rubber, aluminum, steel, brass, galvanized and painted surfaces. Tested and approved by major automotive OEMs and tire manufacturers. Proven to reduce rejects, torn beads, slippage and associated warranty expenses.

**Typical Use:** Rubber tire mounting lubricant. **Item Container Size**Pack
623285

18 kg pail

1



## **ANTI-SEIZE LUBRICANTS**



#### LOCTITE® LB 771™ NICKEL **ANTI-SEIZE**

Copper-free. Recommended for stainless steel and other metal fittings. For preventing corrosion, seizing and galling in harsh, chemical environments, and temperatures to 2400°F (1315°C). ABS approved.

Typical Use: Extreme high temperature and chemical resistance for

stainless steel.

ltem	Container Size	Pack
77124	8 oz. brush-top can	12
77164	1 lb. brush-top can	10



#### LOCTITE® LB 8008™ C5-A® COPPER-**BASED ANTI-SEIZE LUBRICANT**

Exclusive formula suspends copper and graphite in a high-quality grease. Protects metal parts from rust, corrosion, galling and seizing at temperatures to 1800°F (982°C). CFIA approved.

Typical Use: Electrically conductive,

aluminum/soft metals, stainless steel.

ltem	Container Size	Pack
51001	1 oz. tube	48
51144	4 oz. brush-top can	12
1999559	7 oz. brush-top tube	6
51147	8 oz. brush-top can	12
1786073	12 oz. aerosol	12
51007	1 lb. brush-top can	12
39643	1 lb. brush-top metal can	12
51008	2.5 lb. can	12
1615524	2.5 lb brush-top can	12
51009	8 lb. can	2
51011	42 lb. pail	1



#### LOCTITE® LB- 8065™ C5-A® COPPER **ANTI-SEIZE STICK**

The same trusted performance characteristics as the LOCTITE® C5-A® Copper Anti-Seize paste in a convenient semisolid stick form. Stick package offers more portability and less mess.

Typical Use: Electrically conductive, aluminum/soft metals. stainless steel.

**Pack** ltem **Container Size** 37229 20 a stick 10



#### LOCTITE® LB 8012™ MOLY PASTE

Metal-free, very low friction. Lubricates press fits, protects during break-in and under high static loads up to 750°F (400°C). Allows maximum clamping from available torque.

Typical Use: Metal-free formulation

for stainless steel.

ltem	Container Size	Pack
51049	16 oz. brush-top can	12
1852755	12 oz. aerosol	12



#### **LOCTITE® LB 8023™ MARINE GRADE ANTI-SEIZE**

Metal-free formulation to protect assemblies exposed directly or indirectly to fresh water and salt water, this anti-seize works especially well in high humidity conditions. It has excellent lubricity, superior water washout spray resistance and prevents galvanic corrosion. ABS approved.

Typical Use: Bolts, screws, studs, pipe

joints, nuts, shafts, bushings, splines, chains, and cables in marine applications, dressing for water pump gaskets and

flanges.

ltem	Container Size	Pack
1999556	7 oz. brush-top tube	6
34395	8 oz. brush-top can	12
34026	16 oz. brush-top can	12



#### LOCTITE® LB 8504™ GRAPHITE 50 **ANTI-SEIZE**

Metal-free, electrically conductive, nonmetallic. Temperature resistant up to 900°F (482°C). Highly electrically conductive in metal-to-metal joints.

Typical Use: Electrically conductive,

Metal-free.

tem Container Size		Pack	
1613186	16 oz. brush-top can	12	
234244	16 oz. can	12	



#### LOCTITE® LB 8700™ MOLY 50

Metal-free, general purpose thread lubricant.

Typical Use: Anti-seize lubricant

ltem	Container Size	Pack
51094	1 lb. can	12



#### LOCTITE® LB 8150™ SILVER GRADE ANTI-SEIZE

Heavy-duty, temperature resistant, petroleumbased lubricant compound fortified with graphite and metallic flake. Inert and will not evaporate or harden in extreme cold or heat. For use in assemblies up to 1600°F (871°C). CFIA listed.

Typical Use: Electrically conductive. For use

on aluminum/soft metals and

stainless steel.

ltem	Container Size	Pack
76732	8 oz. brush-top can	12
76764	1 lb. brush-top can	10
1999141	7 oz. brush-top tube	6



#### LOCTITE® LB 8009™ HEAVY-DUTY ANTI-SEIZE

A metal-free anti-seize lubricant with graphite and calcium fluoride provides outstanding lubrication to all metals, including stainless steel, aluminum and soft metals. Resistant to extremely high temperature up to 2400°F (1315°C). NLGI #1 grade.

Typical Use: Metal-free formulation for

stainless steel, aluminum, soft

metals.

ltem	Container Size	Pack	
51605	9 oz brushtop can	12	
1999560	7 oz brushtop tube	12	



#### LOCTITE® LB 8060™ SILVER GRADE ANTI-SEIZE STICK

New semisolid stick offers the same performance characteristics as LOCTITE® Silver Grade Anti-Seize paste in a convenient semisolid stick form. Stick package offers more portability and less mess.

Typical Use: Electrically conductive,

aluminum/soft metals, stainless

steel.

ItemContainer SizePack3723020 g stick10



#### LOCTITE® LB 8070™ HEAVY-DUTY ANTI-SEIZE STICK

Same performance characteristics of LOCTITE® LB 8009™ Heavy-Duty Anti-Seize Lubricant in a convenient semi-solid stick form for more portability and less mess.

Typical Use: Metal-free formulation for

stainless steel, aluminum, soft

metals.

ItemContainer SizePack4120520 g stick10

LOCTITE® Product	ltem Number	Package Size & Type	Temperature Resistance	K Value	Color	Typical Applications	Agency Approvals
LB 771™ Nickel Anti-Seize	77124 77164	8 oz. brush-top can 1 lb. brush-top can	2400°F (1315°C)	0.13	Silver	General Purpose	ABS
LB 8008™ C5-A® Copper-based Anti-Seize Lubricant	51001 51144 51147 1786073 51007 39643 51008 1615524 51009 1999559	1 oz. tube 4 oz. brush-top can 8 oz. brush-top can 12 oz. aerosol 1 lb. brush-top can 1 lb. brush-top metal can 2.5 lb. can 2.5 lb. can 8 lb. can 7 oz brushtop tube	1800°F (982°C)	0.16	Copper	General Purpose	N/A
LB- 8065™ C5-A® Copper Anti-Seize Stick	37229	20 g stick	1800°F (982°C)	0.16	Copper	General Purpose	CFIA
LB 8009™ Heavy-Duty Anti-Seize	51605 1999560	9 oz brushtop can 7 oz brushtop tube	2400°F (1315°C)	0.16	Grey	Metal-Free Stainless Steel	N/A
LB 8070™ Heavy-Duty Anti-Seize Stick	41205	20 gm stick	2400°F (1315°C)	0.16	Grey	Metal-Free Stainless Steel	N/A
LB 8012™ Moly Paste	51049 1852755	16 oz. brush-top can 12 oz. aerosol	750°F (400°C)	0.11	Black	Metal-Free Stainless Steel	N/A
LB 8023™ Marine Grade Anti-Seize	1999556 34395 34026	7 oz. brush-top tube 8 oz. brush-top can 16 oz. brush-top can	2400°F (1315°C)	.18	Black	General Purpose	ABS
LB 8150™ Silver Grade Anti-Seize	1999141 76732 76764	7 oz. brush-top tube 8 oz. brush-top can 1 lb. brush-top can	1600°F (871°C)	0.18	Silver	General Purpose	CFIA
LB 8060™ Silver Grade Anti-Seize Stick	37230	20 g stick	1600°F (871°C)	0.18	Silver	General Purpose	ABS, CFIA
LB 8504 <sup>™</sup> Graphite 50 Anti-Seize	1613186 234244	16 oz. brush-top can 16 oz. can	900°F (482°C)	0.13	Black	Specialty	N/A
LB 8700™ Moly 50	51094	1 lb. can	750 °F	0.13	Grey paste	Specialty	N/A

## CLEANERS, DEGREASERS & RUST TREATMENT

#### **CLEANERS/DEGREASERS**



#### LOCTITE® SF 137DA™ VARNISH REMOVER

A super jet spray that quickly cuts and removes grease, gum, and varnish from chokes, baffle plates, and carburetor linkage and other parts and components. Improves performance and fuel efficiency..

Typical Use: Cleaner, carburetors, chokes,

PVC valves, metal parts.

ItemContainer SizePack3052914.75 oz. aerosol12



#### **LOCTITE® SF 790™ PAINT STRIPPER**

Removes gaskets from any type of assembly in 10 to 15 minutes. Prepares metal parts for new gaskets, eliminating scraping and sanding. Not for use on plastics, linoleum or synthetic fibers. CFIA approved.

Typical Use: Removes precut conventional

gasket cements as well as formed-in-place chemical gaskets. Suitable for wood and plaster. Not for use on plastics, linoleum or synthetic fibers.

ItemContainer SizePack7904018 oz. aerosol10



# LOCTITE® SF 7070™ ODC-FREE CLEANER & DEGREASER

A non-aqueous, hydrocarbon-based solvent designed for cleaning and degreasing surfaces to be bonded with adhesives, as well as for general-purpose industrial cleaning. Safe on aluminum, rubber and most plastics, and will not cause flash rusting on water-sensitive parts. Dries residue-free. Contains no ozone-depleting chemicals (ODCs). (Formerly referenced as 7070™.) NSF K1 approved.

ltem	Container Size	Pack	
22355	15 oz. aerosol	12	
20162	16 fl. oz. pump	12	



# LOCTITE® SF 7611™ PRO STRENGTH PARTS CLEANER

Aggressively penetrates, dissolves and removes oil and grease from parts. Dries quickly with no residue. Contains no ozone-depleting chemicals (ODCs). CFIA listed.

ltem	Container Size	Pack
30548	19 oz. aerosol	12





#### **LOCTITE® SF 7617™ HAND WIPES**

Premoistened with a powerful citrus-scented cleaning formula that is abrasive enough to scrub off the toughest grease and grime. Quick and easy to use, these 9.5 in. x 12 in. towels eliminate rinsing and drying and leave no residue behind. Perfect for industrial and commercial environments in the painting, printing, maintenance, transportation and construction industries.

ltem	<b>Container Size</b>	Pack
34943	75 count canister	6
34944	130 count bucket	4



# LOCTITE® SF 7629™ NONFLAMMABLE ELECTRICAL CONTACT CLEANER

Removes grease, oil and other contaminants from electrical parts to prevent contact failure. Dries residue-free in seconds. Contains no HCFCs or CFCs.

Typical Use: Cleans motorized

instruments.

ltem	Container Size	Pack
1174633	12 oz. aerosol	12



#### LOCTITE® SF 7633™ NON-CHLORINATED PARTS CLEANER

Penetrates, dissolves, and removes dirt and oil from metal parts. Leaves no residue. Does not contain 1,1,1-trichloroethane; helps manage EPA halide limits.

**Typical Use:** Removes dirt and oil from metal parts; helps manage EPA halide

limits

ltem	Container Size	Pack
30545	14.75 oz. aerosol	12



#### BONDERITE® C-AK NP2™

A phospate-free, liquid alkaline cleaner that removes organic soils such as rust preventatives, oils and lubricants. Spray-applied. Application temp: 100-140°F.

Typical Use: Soot cleaner, exhaust systems.

ltem	Container Size	Pack
1980911	20 kg pail	1



# LOCTITE® SF 7840™ BIODEGRADABLE CLEANER & DEGREASER

Formerly known as NATURAL BLUE®
Biodegradable, all-purpose, industrialstrength, concentrated cleaner and
degreaser. Can be economically diluted
with water. Formulated for wipe down,
pressure spraying and immersion cleaning
processes at room temperature or heated.
Nonflammable and nontoxic. Contains no
ODCs. Available in pine scent or unscented
formulas. CFIA listed.

Item	Container Size	Pack
2046049	24 fl. oz. bottle	12
(formerly 82	2249)	
2046047	1 gallon bottle	6
(formerly 82	2251)	
2046048	5 gallion pail	1



#### BONDERITE® C-MC 2235™

Known as PARCO® MAINTENANCE CLEANER 2235™

Concentrated, alkaline, blue cleaner that removes organic dirt like fats and oils. Room temperature apply.

Typical Use: Concentrated industrial

cleaner for automotive, general maintenance and floor cleaning

ltem	Container Size	Pack
597788	5 gallon pail	1
594792	25 gallon drum	1



#### BONDERITE® C-MC 5886™ CLEANER

A heavy-duty cleaner formulated specifically for maintenance cleaning of oil sands mining and refining equipment. An emulsifying solvent cleaner that effectively penetrates and removes tar-type soils and rust preventative coatings from a wide range of industrial equipment surfaces. Helps reduce cleaning time and costs to get your heavy equipment back in service quickly and safely. Room temperature apply. Can be heated when pressure washing.

Typical Use: Safe for use on common

elastomers and rubbers. Will not attack or etch glass surfaces; compatible with vehicle paint surfaces.

ItemContainer SizePack19579525 gallon pail1



#### BONDERITE® C-MC 2237™

Concentrated, alkaline, blue cleaner designed for spray gun or pressure wash application. Ideal for light body cleaning. Application temp: 110-140°F.

Typical Use: For light to medium duty

cleaning of painted vehicle

surfaces.

ltem	<b>Container Size</b>	Pack
1957954	5 gallon pail	1
1957955	25 gallon drum	1

## CLEANERS, DEGREASERS & RUST TREATMENT



#### BONDERITE® C-MC 2280™

Concentrated blue liquid with a mild aroma formulated to meet the properties required by automotive and other general industry maintenance cleaning needs. Suitable for painted surfaces, machinery and tools, glass windows and workshop floors.

Typical Use: Alkaline cleaner used at room

temperature. For multiple substrates, except wood, plastic,

plexiglass.

ltem	<b>Container Size</b>	Pack
596168	5 gallon pail	1



#### BONDERITE® C-NE 5175™

Known as P3 Neutracare 5175

A neutral-based in-process cleaner with corrosion inhibitors designed for short term corrosion protection on ferrous alloys only. Its unique composition of alkalinity, corrosion inhibitors, surfactants, and builders provides a durable low-foaming hard water stable product for light to moderate duty cleaning and protecting needs.

Application temp: 120-160°F

Typical Use: Cost-effective cleaning of

precision parts. Fuel rail cleaning

approved.

ltem	<b>Container Size</b>	Pack
1265826	5 gallon pail	1
1265623	25 gallon drum	1

#### **RUST TREATMENTS**



#### **LOCTITE® SF 754™ RUST TREATMENT**

Converts existing rust (rust required) into a stable base. Cured product acts as a primer ready for painting with oil- or solvent-based paint. Protects surface from corrosion.

Typical Use: Metal pipes, valves, fittings,

outside surfaces of storage tanks, fences, guardrails, wrought iron furniture, conveyors and construction and agricultural equipment.

ltem	<b>Container Size</b>	Pack
30539	10.25 oz. aerosol	12
75430	1 quart bottle	10
75448	1 gallon bottle	4
75465	5 gallon pail	1



#### **BONDERITE® L-GP 4141™**

Known as P3 Prevox 4141

A rust inhibiting, solvent based corrosion inhibitor. Its high flash point (143°F) allows for a safer work environment without compromising rust protection.

Typical Use: Designed for extended corrosion

protection on ferrous & nonferrous alloys.

ItemContainer SizePack8795255 gallon pail1



# LOCTITE® PC 9660™ HEAVY DUTY RUSTPROOFING

Heavy-duty coating provides long-term protection for metal parts, equipment and machinery. Forms a protective, waxy film that seals out moisture, air, acid and other corrosive elements. Great for protecting parts in storage. Removable with LOCTITE® SF 7629™.

Typical Use: Non-splattering chain lube,

acting as a rust inhibitor for

machinery.

ItemContainer SizePack5121112 oz. aerosol12



#### **BONDERITE® M-NT 1455W™ WIPES**

Wipes are ready-to-use and will make your metal pre-treatment processes very fast and easy. They enhance the adhesion of paint or sealing materials and improve corrosion resistance for the subsequent paint process. It is a chromium-free and easily disposable product with a very low VOC-content. No application equipment required.

Typical Use: Ready-to-use, pre-saturated

wipe, provides a chromium free conversion coating on steel prior

to paint.

ItemContainer SizePack593067Tub of 501

## **BONDING & REPAIR**

#### REPAIR EPOXIES



# LOCTITE® EA 445™ FAST CURE EPOXY (MIXER CUPS)

Premeasured epoxy mixer cups. Bonds in 5 to 15 minutes. Excellent chemical resistance. Fills porosities and can be used to build up worn parts. Ideal for bonding glass, hard plastics, rubber and metal.

Typical Use: Gap-filling, sandable finish.

ltem	Container Size	Pack
21425	10 – 0.12 fl. oz. cups	10
21426	10 – 1 oz. cups	1
39088	4 – 1 oz. cups	6



#### LOCTITE® EA 9131™ GENERAL PURPOSE EPOXY (MIXER CUPS)

Premeasured epoxy mixer cups. Suitable for bonding metals, glass, ceramics, most plastics, wood and stone. It will also fill porosities and voids and may be used to build up surfaces that have been worn. When fully cured, it may be machined or sanded.

**NOTE:** Not recommended for polyethylene and polypropylene.

Typical Use: Production, maintenance and

prototype bonding of metals, ceramics, concrete, wood, glass and most plastics.

ltem	Container Size	Pack
21427	10 – 0.12 fl. oz. cups	10



#### LOCTITE® EA 3463™ METAL MAGIC STEEL™

Steel epoxy in stick form. Cut off a section, knead and apply to leaking pipes or damaged equipment. Cures in 10 minutes. NSF 61 approved for potable water applications.

Typical Use: Emergency metal repair.

ltem	Container Size	Pack
98853	4 oz. stick	24



#### LOCTITE® EA 3473™ FAST SET STEEL PUTTY

Faster setting version of LOCTITE® Fixmaster® Steel Putty. Sets in 3 minutes.

Typical Use: Repairing pipes and tanks.

ltem	<b>Container Size</b>	Pack
39917	1 lb. kit	6





#### **LOCTITE® EA 3478™ SUPERIOR METAL**

Non-rusting, ferro-silicone-filled epoxy. Extremely high compressive strength and wear resistance. Ideal for rebuilding worn surfaces exposed to harsh environments. Can be machined, drilled and tapped in 6 to 8 hours. For final finish cuts, let the product cure for 24 hours and use carbide tooling. Spreadable putty. Sets in 20 minutes.

Typical Use: Rebuilding, corrosion protection, repairing threaded parts, pump

repair.

ltem	Container Size	Pack
97473	1 lb. kit	6



#### **LOCTITE® PC 3466™ ALUMINUM LIQUID**

Fluid, self-leveling aluminum liquid. Can be poured into molds and cavities. Sets in 20 minutes.

**Typical Use:** Casting aluminum replacement parts and for making molds.

ltem	Container Size	Pack
97453	1 lb. kit	6





## LOCTITE® MR 2000™ EXTREME TEMPERATURE REPAIR PUTTY

A single-component putty for filling cracks and restoring damaged metal in environments up to 2000°F. Water-based, non-toxic. Approved under Cat Spec. 1E2399 (high temp manifold sealant).

Typical Use: Cast iron repair, exhaust stacks/

ports, headers, manifolds, catalytic

converters.

ItemContainer SizePack2355798 oz. Can6



# LOCTITE® PC 7222™ NORDBAK® WEAR RESISTANT PUTTY

Ceramic fibers give this trowelable putty excellent wear- and abrasion-resistant properties. Cures to a smooth, low friction surface. For surfaces exposed to wear, erosion and cavitation.

Typical Use: Gap filling. Wear-resistant

formulation.

ItemContainer SizePack987433 lb. kit6



## LOCTITE® PC 9410™ CONCRETE REPAIR MATERIAL

Formerly known as Magna Crete™

A two-component, rapid-setting concrete repair and grouting system. Chemically resistant to most common liquids and chemicals, and can be mixed and applied at temperatures from -15°F to 130°F. Ready for service in one hour. Summer and winter additives available to aid cure times.

Typical Use: General floor repair.

ltem	Container Size	Pack
95551	1 gallon kit	1
95555	5 gallon kit	1



#### LOCTITE® PC 9416™ FLOOR FILL

A three-component, self-leveling, non-shrinking epoxy floor repair system. For repairing holes in floors, spalled areas, ramps, stairs, cracks in floors, and for use in grouting applications. Stronger than concrete, it bonds to almost any clean substrate, and provides corrosion and chemical resistance. Dry-service temperature 20°F to 225°F.

Typical Use: Repairing holes and spalled areas

in floors, ramps, stairs, loading docks; anchoring and grouting machinery, bedplates,

soleplates, bolts and handrails

ltem	<b>Container Size</b>	Pack
99365	40 lh kit	1



#### STRUCTURAL BONDING

#### LOCTITE® AA 330™ DEPEND® ADHESIVE

LOCTITE® 330™ Depend® Adhesive sets in just minutes to a tough acrylic adhesive with high peel and impact strength. No-mix kits include activator and adhesive. Store at 36°F to 46°F.

Typical Use: Bonding almost all

combinations of materials,

including glass.

ltem	<b>Container Size</b>	Pack
20251	25 ml kit	5
20252	250 ml kit	5



#### LOCTITE® AA 332™ STRUCTURAL ADHESIVE

An activator-cured, no-mix adhesive that provides high temperature capability with thermal durability up to 400°F (204°C). Use with LOCTITE® 7387™ Depend® Activator.

Store at 36°F to 46°F.

**Typical Use:** High temperature, no-mix

structural adhesive.

ItemContainer SizePack3320125 ml syringe10



#### LOCTITE® AA H3000™ STRUCTURAL ADHESIVE

A low-viscosity adhesive ideal for bonding a variety of substrates. Keep at 40°F for longer shelf life.

Typical Use: Steel, aluminum, stainless steel.

ItemContainer SizePack8300150 ml dual cartridge10

#### Also required for 50 ml LOCTITE® H3000™/ H3300™

98473 LOCTITE® 50 ml Square

Mix Nozzles (10 nozzles

per pack)

98466 LOCTITE® Caulking Gun

Conversion Kit



#### LOCTITE® AA H3300™ STRUCTURAL ADHESIVE

A general purpose, fast fixture, high viscosity, non-sag adhesive ideal for bonding a variety of substrates. 5 minute work time on most substrates.

Typical Use: Plastics/composite bonding.

ltem	Container Size	Pack
83020	50 ml dual cartridge	10

## **BONDING & REPAIR**



#### LOCTITE® EA 9460™ EPOXY ADHESIVE

A grey, non-sag, impact resistant, high viscosity, high peel, high shear strength multi-surface structural adhesive with a 40-minute work life.

Typical Use: Ceramic, metals, plastics.

ltem	Container Size	Pack
83129	50 ml dual cartridge	10



# LOCTITE® EA E-04SS™ SEAM SEALER & METAL BONDER

A very fast-curing, two-component epoxy. Once mixed, the two-component epoxy cures rapidly at room temperature.

**Typical Use:** Seam-sealing applications where high bond strength is required.

Item	Container Size	Pack
41754	400 ml cartridge	6



#### **LOCTITE® EA E-05CL™ ADHESIVE**

A toughened, ultra clear, flexible, fast-setting, high peel, low odor, 2-part structural epoxy with a 3-minute work life and 30 minute fixture time.

Typical Use: For multi-surface bonding.

ltem	Container Size	Pack
237099	50 ml dual cartridge	10



#### **LOCTITE® EA E-60NC™ EPOXY**

An electronics-grade potting compound with a 60-minute work life. Black, opaque, low viscosity with excellent cure-through depth.

Typical Use: For fiber optic components.

ltem	Container Size	Pack
29324	50 ml dual cartridge	10



#### LOCTITE® EA E-120HP™ EPOXY ADHESIVE

An amber, high performance, non-sag, aerospace grade adhesive with an extended open time to allow for adjustment of large parts.

Typical Use: Low stress applications needing

high impact/high peel strength. Bonds dissimilar materials (aluminum, metal, plastics,

ceramics).

Item	<b>Container Size</b>	Pack
29353	50 ml dual cartridge	10

#### **INSTANT BONDING**



#### LOCTITE® QUICKTITE® INSTANT ADHESIVE GEL

A general-purpose instant adhesive gel in a unique, virtually indestructible package that is perfect for pocket or toolbox storage. Its new self-piercing, no-clog tip allows for ease of use and dispense accuracy. In addition, spill-proof design keeps hands clean.

Typical Use: General gel adhesive.

ltem	Container Size	Pack
39202	0.14 oz. bottle	10



## LOCTITE® 380™ BLACK MAX® INSTANT ADHESIVE

For parts that encounter shock, vibration or thermal cycling, LOCTITE® 380™ Black Max® Instant Adhesive is the choice. This black, toughened cyanoacrylate adhesive uses elastomers to withstand impact and challenging environmental conditions. Seals as well as bonds. Works especially well bonding rubber to metal.

Typical Use: Close-fitting tools.

ltem	Container Size	Pack
38004	3 g tube	10
38050	1 oz bottle	10



#### **LOCTITE® 401™ INSTANT ADHESIVE**

Designed for the assembly of difficultto-bond materials that require uniform stress distribution. Formulated for faster cure speeds on dry or acidic surfaces and substrates.

**Typical Use:** Bonding a wide range of

materials, including metals, plastics and elastomers.

ltem	Container Size	Pack
40104	3 a tube	10



#### **LOCTITE® 406™ INSTANT ADHESIVE**

Designed for the bonding of plastics and electrometric materials where very fast fixturing is required.

Typical Use: Wicking grade, surface

insensitive, ideal for platings and dry and acidic conditions.

ltem	<b>Container Size</b>	Pack
40604	3 g tube	10





#### **LOCTITE® 410™ INSTANT ADHESIVE**

A black, toughened instant adhesive with gap-filling capabilities.

Typical Use: Gap filling. Bonding rubbers,

metals and plastics.

ItemContainer SizePack4104520 g bottle10



#### **LOCTITE® 411™ INSTANT ADHESIVE**

An adhesive formulated for excellent impact and peel strength in gap-filling applications.

Typical Use: Clear gap filling.

ItemContainer SizePack411043 g tube10



#### **LOCTITE® 414™ INSTANT ADHESIVE**

LOCTITE 414™ is a general-purpose instant adhesive that works well for bonding plastic, rubber and metal.

Typical Use: Plastic bonder.

ItemContainer SizePack414043 g tube10



#### **LOCTITE® 426™ INSTANT ADHESIVE**

Designed for porous surfaces and vertical or overhead applications, with the added benefits provided by an elastomer-modified instant adhesive. See Dispensing Equipment for recommended applicator.

Typical Use: Porous surfaces,

vertical, overhead.

ItemContainer SizePack2192110 g syringe10



#### **LOCTITE® 435™ INSTANT ADHESIVE**

Clear Surface Insensitive/Toughened Instant Adhesive low viscosity, clear, rubber toughened, one part, room temperature cure, surface insensitive instant adhesive designed for OEM assembly of metal, rubber and plastics. Excellent peel, impact and sheer strength. CFIA Listed.

**Typical Use:** Toughened high perf. Instant Adhesive, fixture 30 sec.

ItemContainer SizePack4099420 g bottle1



#### LOCTITE® 454™ INSTANT ADHESIVE

Clear, surface insensitive instant adhesive. Ideal for difficult-to-bond substrates, including rough, porous and acidic surfaces. This gel formulation won't run off before you put substrates together. ABS approved.

Typical Use: Porous surfaces, vertical,

overhead

ItemContainer SizePack454043 g tube10



#### **LOCTITE® 480™ INSTANT ADHESIVE**

Low-viscosity, elastomer-modified instant adhesive. Bonds metals and rubbers. Excellent peel, impact and shear strength. NSF/ANSI 61 certified for potable water.

Typical Use: Black, toughened adhesive for

close fitting parts.

ItemContainer SizePack4804020 g bottle1



#### **LOCTITE® 495™ INSTANT ADHESIVE**

Designed to bond rubber, metal and plastic parts with gaps to 0.004" (0.102 mm).

Typical Use: General purpose.

ItemContainer SizePack495501 oz. bottle10



#### **LOCTITE® 496™ INSTANT ADHESIVE**

LOCTITE 496™ is a general- purpose adhesive and is particularly suited for the bonding of metal substrates.

Typical Use: Rubber bonder.

ItemContainer SizePack496501 oz. bottle10



#### **LOCTITE® 498™ INSTANT ADHESIVE**

A medium viscosity, high temperature product for all metals, and most plastics and rubbers. Resists temperatures to 180°F (82°C) continuous or up to 250°F (121°C) intermittent.

Typical Use: Thermal cycling.

ItemContainer SizePack498501 oz. bottle10

## **BONDING & REPAIR**



#### **LOCTITE® 3092™ ADHESIVE**

Ultra-fast gel adhesive that can bond gaps up to 2 mm in depth. Excellent for general repairs. Virtually eliminates blooming or frosting. Includes three mix nozzles.

**Typical Use:** Interior molding clips, consoles, molded bumpers, body, trim repair.

ltem	Container Size	Pack
1807961	10 g syringe	12

#### **LOCTITE® CA MIX NOZZLE**

Extra mix nozzles for LOCTITE® 3092™ Adhesive Kit. One package includes 5 mix nozzles.

Item	Container Size	Pack
1434516	5 nozzles	1



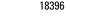
#### **LOCTITE® SF 770™ PRIMER**

Primer to make polyolefin and other low-energy surfaces suitable for bonding with LOCTITE® instant adhesives. Not recommended in assemblies where high peel strength is required.

Typical Use: For difficult-to-bond plastics --

polyethylene, polypropylene, PTFE, thermoplastic rubber materials.

ltem	Container Size	Pack
18396	1.75 fl. Oz. bottle	20



#### ADHESIVE / SEALANTS

#### LOCTITE® RTV SILICONE ADHESIVE SEALANTS

General purpose, one-part silicone adhesive sealant cures at room temperature to form a tough rubber seal. Will not slump in overhead or vertical applications. Formulated to withstand extreme temperature cycling, UV light and ozone. Cannot be painted. Available in clear noncorrosive, black, white and clear.

Typical Use: General purpose.

ltem SI 5011™ Non-	Pack	
51388	300 ml cartridge	10
SI 593™ Black	RTV Silicone:	
59330	80 ml tube	12
40464	190 ml can	6
59375	300 ml cartridge	10
SI 594™ White	RTV Silicone:	
59430	80 ml tube	12
SI 595™ Clear	RTV Silicone:	
59530	80 ml tube	12
59575	300 ml cartridge	10
SI 5015™ Blue	RTV Silicone:	
30533	300 ml cartridge	10



#### TEROSON® MS 939™ NA BLACK ELASTIC ADHESIVE

Highly versatile, industrial, elastic bonding adhesive with fast skin formation. Also demonstrates high strength and excellent weathering resistance.

Typical Use: Heavy bodied modified silane,

non-isocyanate sealant that exhibits high elongation and tensile strength. Cures to elastic

products.

ItemContainer SizePack2068378280 ml cartridge10



#### TEROSON® MS 5510™ ADHESIVE/SEALANT

A multipurpose product based on Flextec® Technology suitable for many adhesive and sealant applications. It offers a fast skin time and cures to a tack-free surface.

Typical Use: Seal expansion joints, precast

panels, air or water penetration joints, bond trim and molding, seal doors and windows.

ltem	Container Size	Color	Pack
1562040	300 ml cartridge	Clear	12
1560557	300 ml cartridge	Black	12



#### SPRAY / CONTACT ADHESIVES

#### LOCTITE® 5012™ GREEN CEMENT

Contact cement. Can be used as a sealant to bond door and trunk moldings, as well as weatherstripping and headliners.

ltem	Container Size	Pack
1802776	7 oz. can	12



#### LOCTITE® MR 5412™ CONTACT ADHESIVE

A fast-drying, solvent-based adhesive with neoprene that bonds rubber, insulation, weather stripping and other porous materials. Sets to a tack-free surface in 3 to 4 minutes, and the early strength is enough to hold most parts together. Allows repositioning of the parts after initial contact.

**Typical Use:** Yellow gel for bonding rubber,

insulation and weatherstripping.

ltem	Container Size	Pack
30537	5 fl. oz. tube - yellow	1





#### LOCTITE® MR 5414™ BLACK CONTACT ADHESIVE

A professional, solvent-based adhesive with neoprene that blends in with black-colored fabrics, rubbers, weatherstripping and other porous materials. Withstands temperature extremes and is resistant to gasoline, kerosene and other solvents. Fast drying and waterproof. Allows repositioning of the parts after initial contact.

Typical Use: Weatherstripping, vinyl, rubber,

wood and metal.

ItemContainer SizePack305405 fl. oz. tube12



#### LOCTITE® MR 5426™ MAXIMUM STRENGTH HEADLINER ADHESIVE

A high strength, aerosol product designed for bonding foam, carpet, fabrics, plastics, rubber, etc. LOCTITE® Maximum Strength Headliner Adhesive is resistant to extreme seasonal temperatures, is water resistant and sprays on clear.

Typical Use: Foam, carpet, fabrics, plastics

and rubber.

ItemContainer SizePack3731216.75 oz. aerosol6



#### LOCTITE® MR 5416™ ALL PURPOSE SPRAY ADHESIVE

Bonds lightweight, porous and nonporous surfaces. Allows for repositionable and permanent bonds. Fast drying; won't shrink or bleed. Resists water and humidity. Contains no ozone-depleting compounds.

Typical Use: Foam, carpet, fabrics, plastics

and rubber.

ItemContainer SizePack3054410.5 oz. net wt.12

aerosol



REPAI	REPAIR EPOXIES												
LOCTITE®	Item	Package Size	Color	Maximum Temperature*	Coverage (ft.² at 1/4"	Compressive	Tensile Shear	Hardness		Functional		Ratio ardener)	Agency
PRODUCT	Number	& Туре		(°F)	thickness)	Strength* (psi)	Strength* (psi)	(Shore D)	Time	Cure	Volume	Weight	Approvals
EA 445™	21425 21426 39088	10 - 0.12 fl. oz. cups 10 - 1 oz. cups 4 - 0.12 fl. oz. cups	Grey	180	N/A	-	2000	N/A	5 min.	12 hrs.	N/A	N/A	N/A
EA 9131™	21427	10 - 0.12 fl. oz. cups	Grey	180	N/A	-	1500	N/A	60 min.	24 hrs.	N/A	N/A	N/A
EA 3463™	98853	4 oz. stick	Grey	250	7 in.²	12,000	2500	80	3 min.	10 min.	N/A	N/A	NSF 61
EA 3473™**	39917	1 lb. kit	Grey	200	0.4	10,800	4600	80	3 min.	10 min.	1:1	1.8:1	ABS, CFIA, NEHC, NAVSEA
EA 3478™**	97473	1 lb. kit	Dark Grey	250	0.25	18,000	5500	90	20 min.	6 hrs.	4:1	7.25:1	CFIA
MR 2000™	235579	8 oz. Can	Silver Grey	2000	N/A	-	675	N/A	30 min.	7 hrs.	N/A	N/A	N/A
PC 3466™**	97453	1 lb. kit	Aluminum	200	17 in. <sup>3</sup>	17,000	6,000	85	20 min.	6 hrs.	5:1	9:1	ABS, CFIA, NEHC, NAVSEA
PC 7222™	98743	3 lb. kit	Grey	225	1.11	11,600	4900	89	30 min.	1 hr. fixture, 6 hrs. full cure	2:1	2:1	ABS, CFIA, NEHC, NAVSEA
PC 9410™**	95551 95555	1 gallon kit 5 gallon kit	Grey	2000	170 in.³ 770 in.³	13,000	N/A	N/A	5 min. 20 min.	1-2 hrs.	N/A	N/A	CFIA
PC 9416™**	99365	40 lb. kit	Grey	225	532 in. <sup>3</sup>	15,000	N/A	N/A	40 min.	24 hrs.	4.6:1 to 9.8 Filler	16.3:2 to 80.8 Filler	CFIA

<sup>\*</sup> Ultimate cure. \*\* Properties are based on mixing 1 lb. (453.6 g) mass at 77°F (25°C), 7 days cure.

# **BONDING & REPAIR**

STRUCTURAL BO	STRUCTURAL BONDING											
LOCTITE® Product	Item Number	Package Size & Type	Color	Maximum Temperature	Fixture/ Full Cure Time	Shear Strength, Steel (psi)	Agency Approvals					
AA 330™	20251 20252	25 ml kit* 250 ml kit**	Pale Yellow	Up to 250°F (121°C)	5 min. / 24 hrs.	3300	CFIA					
AA 332™	33201	25 ml syringe	Amber	Up to 400°F (204°C)	3 min. / 24 hrs.	3000	N/A					
AA H3000™	83001	50 ml dual cartridge	Cream	N/A	15 min. / 24 hrs.	4150***	N/A					
AA H3300™	83020	50 ml dual cartridge	Yellow	N/A	5 min. / 24 hrs.	3,350	N/A					
EA 9460™	83129	50 ml dual cartridge	Grey	Up to 250°F (121°C)	> 180 min. / 24 hrs.	2,675	N/A					
EA E-04SS™	41754	400 ml cartridge	Grey	Up to 350°F (177°C)	4 min. gel; 5-6 min. fixture / 24 hrs.	1100	N/A					
EA E-05CL™	237099	50 ml dual cartridge	Clear	Up to 180°F (82°C)	3 min. gel; 30 min. fixture / 24 hrs.	1430	N/A					
EA E-60NC™	29324	50 ml dual cartridge	Black	Up to 250°F (121°C)	> 180 min. / 24 hrs.	2630	CFIA					
EA E-120HP™	29353	50 ml dual cartridge	Amber	Up to 250°F (121°C)	> 180 min. / 24 hrs.	4300	CFIA					

<sup>\*</sup> Contains 25 ml syringe of AA 330 Adhesive and 25 g aerosol can of SF 7387 Activator.
\*\* Contains 250 ml tube of AA 330 Adhesive and 4.5 oz aerosol can of SF 7387 Activator. \*\*\* Grit-blasted steel

SPRAY/CONT	SPRAY/CONTACT ADHESIVES										
LOCTITE® Product	Package Size X, lyne			Temperature Resistance	Fixture/Cure Time	Cure Time*	Agency Approvals				
5012™	1802776	7 oz. can	Green	N/A	5 to 16 min.	24 hrs.	N/A				
MR 5412™	30537	5 fl. oz. tube	Yellow	Up to 180°F (82°C)	Let breathe 2-3 min.; sets up in 5-15 min.	24 hrs.	CFIA				
MR 5414™	30540	5 fl. oz. tube	Black	Up to 180°F (82°C)	Let breathe 2-3 min.; sets up in 5-15 min.	24 hrs.	CFIA				
MR 5416™	30544	10.5 oz. net wt. aerosol	Clear Drying, Semi- translucent Foam	Up to 120°F (49°C)	Let dry 15-20 min. before assembly. Spray both sides to be bonded for maximum strength.	24 hrs.	N/A				
MR 5426™	37312	16.75 oz. net wt. aerosol	Clear Drying, Semi- translucent Foam	Up to 170°F (77°C)	Let dry 15-20 min. before assembly. Spray both sides to be bonded for maximum strength.	24 hrs.	N/A				

PRIMER									
LOCTITE® PRODUCT	Item Number	Package Size & Type	Color	Vixcosity (cP)	Base	On-Part Life	Dry Time	Application	Agency Approvals
SF 770™	18396	1.75 fl. oz. bottle	Colorless, Slightly Hazy	1.25	Heptane	8 hours	30 seconds	All cyanoacrylates/ instant adhesives	CFIA

INSTANT BONI	INSTANT BONDING										
LOCTITE® Product	Item Number	Package Size & Type	Color	Temperature Resistance	Fixture/Cure Time	Shear Strength, Steel (psi)	Agency Approvals				
Quicktite®	39202	0.14 oz. bottle	Clear	-65°F to 250°F (-54°C to 121°C)	15 sec. / 24 hrs.	3200	N/A				
380™	38004 38050	3 g tube 1 oz bottle	Black	-65°F to 225°F (-54°C to 107°C)	90 sec. / 24 hrs.	3750	CFIA				
401™	40104	3 g tube	Clear	-65°F to 225°F (-54°C to 107°C)	15 sec. / 24 hrs.	2900	CFIA				
406™	40604	3 g tube	Clear	-65°F to 250°F (-54°C to 121°C)	10 sec. / 24 hrs.	2250	Commerical item std. A-A-3097				
410™	41045	20 g bottle	Black	-65°F to 225°F (-54°C to 107°C)	90 sec. / 24 hrs.	3200	CFIA				
411™	41104	3 g tube	Clear	-65°F to 210°F (-54°C to 99°C)	30 sec. / 24 hrs.	3200	N/A				
414™	41404	3 g tube	Clear	-65°F to 180°F (-54°C to 82°C)	20 sec. / 24 hrs.	3200	CFIA, Commerical item std. A-A-3097				
426™	21921	10 g syringe	Black	-65°F to 210°F (-54°C to 99°C)	20 sec. / 24 hrs.	3000	N/A				
435™	40994	20 g bottle	Clear	-65°F to 225°F (-54°C to 107°C)	30 sec. / 24 hrs.	2700	ISO 10993, CFIA				
454™	45404	3 g tube	Clear	-65°F to 250°F (-54°C to 121°C)	15 sec. / 24 hrs.	3030	ABS, CFIA, Commerica item std. A-A-3097				
480™	48040	20 g bottle	Black	-65°F to 180°F (-54°C to 82°C)	90 sec. / 24 hrs.	3800	N/A				
495™	49550	1 oz. bottle	Clear	-65°F to 250°F (-54°C to 121°C)	5 sec. / 24 hrs.	2060	Commerical item std. A-A-3097				
496™	49650	1 oz. bottle	Clear	-65°F to 180°F (-54°C to 82°C)	30 sec. / 24 hrs.	3600	Commerical item std. A-A-3097				
498™	49850	1 oz. bottle	Clear	-65°F to 180°F (-54°C to 82°C)	50 sec. / 24 hrs.	3000	N/A				
3092™	1807961	10 g syringe	Clear	-4°F to 176°F (-20°C to 80°C)	Fixture w/gap: 0.002" – 15 sec. 0.200" – 3.5 min. Full – 24 hrs.	3200	N/A				

ADHESIVES-SEALANTS							
PRODUCT	ltem Number	Package Size & Type	Color	Non-Corrosive?	Temperature Resistance	Sealing Time	Agency Approvals
LOCTITE® SI 593™	59330 40464 59375	80 ml tube 190 ml powercan 300 ml cartridge	Black	No	-65°F to 450°F (-54°C to 232°C)	Tack-Free – 30 min. Full Strength – 24 hrs.	CFIA
LOCTITE® SI 594™	59430	80 ml tube	White	No	-65°F to 450°F (-54°C to 232°C)	Tack-Free –30 min. Full Strength – 24 hrs.	CFIA
LOCTITE® SI 595™	59530 59575	80 ml tube 300 ml cartridge	Clear	No	-65°F to 450°F (-54°C to 232°C)	Tack-Free – 30 min. Full Strength – 24 hrs.	UL Listed for U.S., NSF/ ANSI 51, CFIA
LOCTITE® SI 5011™	51388	300 ml cartridge	Clear	Yes & Oil Resistant	-75°F to 500°F (-59°C to 316°C)	Tack-Free – 25 min. Full Strength – 24 hrs.	N/A
LOCTITE® SI 5015™	30533	300 ml cartridge	Blue	No	-65°F to 500°F (-54°C to 316°C)	Tack-Free – 30 min. Full Strength – 24 hrs.	N/A
TEROSON® MS 939™	2068378	290 ml cartridge	Black	Yes	-40°F to 200°F (-40°C to 93°C)	1 to 7 days	N/A
TEROSON® MS 5510™	1562040 1560557	300 ml cartridge	Clear Black	Yes	-40°F to 200°F (-40°C to 93°C)	1 to 7 days	N/A

## WINDSHIELD BONDING/REPAIR



#### TEROSON® PU 8597™ HMLC SEALANT

A one component, polyurethane-based, moisture curing direct glazing sealant with excellent sag resistance. Provides maximum performance -- high modulus, low conductivity.

Typical Use: Cold applied, PU window glazing

adhesive/sealant, drive-away 60

minutes.

ItemContainer SizePack1377642310 ml cartridge12



#### TEROSON® PU 9096™ PL SEALANT

A primerless, cold applied polyurethane direct glazing sealant with high green strength and excellent UV resistance.

Typical Use: Primerless PU window glazing adhesive sealant, drive away

time 4 hrs.

ItemContainer SizePack1377641310 ml Cartridge12



#### TEROSON® PU 8599™ HMLC SEALANT

A one component, moisture curing direct glazing sealant with excellent sag resistance base on polyurethane, which cures by reaction with moisture to a soft elastic product.

Typical Use: PU Window glazing adhesive/

sealant, drive away 15-30 min.

ItemContainer SizePack1377643310 ml Cartridge12



#### **TEROSON® VR 20™ CLEANER**

Solvent-based universal product for the surface preparation of all bond lines made of glass, plastics and metal.

**Typical Use:** Pretreatment cleaner. Apply with a lint-free cloth.

ItemContainer SizePack22993881 liter bottle1



#### TEROSON® PU 8519™ P PRIMER

An all-in-one glass primer and activator to be used prior to windscreen bonding. It promotes adhesion and UV protection of direct glazing adhesives/sealants. Used for application on glass, paint, ceramics and encapsulated screens.

**Typical Use:** Adhesion promoter/primer for

SMP & PU glazing adhesives/ sealants, drying time 2 min.

ItemContainer SizePack2241589100 ml bottle10



#### TEROSON® sliding nozzle

Provides the optimal bead size even on the latest car bodies with narrow bondlines. Safe and easy to use. Included in all TEROSON® premium products, such as TEROSON® PU 8597™ HMLC



#### **LOCTITE® WINDSHIELD REPAIR KIT**

A one-component windshield repair system designed to be used by the car owner. Requires no mixing, no heat. Safe and easy to use. Has the same index of refraction as the original glass to make the repair virtually undetectable.

Typical Use: "Bullseyes" in windshields or

other laminated glass windows.

ItemContainer SizePack376130.17 fl. oz. syringe12



WINDSHIELD BONDING-REPAIR									
PRODUCT	Item Number	Package Size & Type	Feature	Shore Hardness	Tensile Strength (psi)	Elongation	Glazing Time	Drive-Away Time	Agency Approvals
TEROSON® PU 8597™ HMLC	1377642	310 ml cartridge	Fast, cold applied, withstands heavier windshields	A 70	1,300	300%	20 minutes	2 hrs. w/airbags 1 hr. w/o airbags	FMVSS 208/212
TEROSON® PU 8599™ HMLC	1377643	310 ml cartridge	Very fast, warm applied	A 60	1,200	300%	15 minutes	15 min. w/airbags	FMVSS 208/212
TEROSON® PU 9096™ PL	1377641	310 ml cartridge	Primerless, cold applied	A 60	1,000	350%	20 minutes	4 hrs. w/o airbags	FMVSS 208/212
TEROSON® PU 8519™ P PRIMER	2241589	100 ml bottle	All-in-one primer/ activator	N/A	N/A	N/A	Evaporation time: 2 min.	N/A	N/A
LOCTITE® Windshield Repair Kit	37613	0.17 fl. oz. syringe	Repair windshield "bullseyes"	N/A	N/A	N/A	N/A	Fixture - 1 min. Full cure - 24 hrs.	N/A

WINDSHIELD GLASS INSTALLATION EQUIPMENT & ACCESSORIES			
Item Number	Pack	Description	
2170543	10/pack	ET CLEANING SPONGES     Designed to clean and scuff the frit around windshield.     Lint-free, and applies cleaner or primer in an even, uniform fashion.     Does not damage glass.     Sponge size: 3.94 x 1.18 x 0.79 in. (100 x 30 x 20 mm). Can be cut to size.	
142245	25 pieces /Pack	ET PRIMER APPLICATORS     Lint-free, wool ball on aluminum stick "daubers".	•
960304	1	TEROSON® POWERLINE II AIR CARTRIDGE GUN  Mechanical ram (rather than air pressure) and integrated air pressure gauge ensures smooth action and allows for continuously variable adjustment of adhesive flow.  No air introduced into the cartridge from the gun, eliminating popping and sputtering of product while dispensing.  High mechanical advantage (3:1) allows increased capability to dispense high viscosity pastes much faster.	

#### WINDOW GLAZING

### STEP 1

Thoroughly clean the adhesive bondline area of the install glass. Wipe clean glass with lint-free cloth and cleaner TEROSON® VR 20™. Abrade the bondline with smooth abrasive pad (TEROSON® ET Cleaning Sponges) and wipe clean again. Attach rubber seal if applicable.

### STEP 2

For products that require a primer, shake and apply PU 8519™ P Primer around edges of glass. Apply with Applicator, or smooth side of ET Cleaning Sponge.

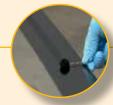
### STEP 3

Trim back the remaining bead of urethane leaving a thin layer around the pinchweld. Apply PU 8519™ P Primer to any bare metal areas exposed during the trimming process.

### STEP 4

Load adhesive cartridge in gun. Adjust new adhesive bead height to top of vehicle frame. Apply adhesive bead by moving nozzle at 90° angle to the horizontally positioned screen. Close the bead knit-lines using a spatula. Install and consider safe drive-away time.









### KITS / SPECIAL PRODUCTS / **DISPENSING EQUIPMENT**



#### **LOCTITE® TOOLBOX**

Containing 16 of the latest and best LOCTITE® technologies to solve the most common mechanical failures, this kit has everything a professional needs to increase reliability at the base component level.

Typical Use: Field kit.

Item	Container Size	Pack
38956	kit	1



#### **LOCTITE® O-RING MAKING KIT**

Eliminates the need for an inventory of different sized O-rings. Joints resist water and oil, and are as strong as the rubber itself. Contains 3-foot lengths of common diameters of Buna N cord, LOCTITE® 404® Quick Set™ Instant Adhesive, O-ring fixture, blade, waterproofing solution and cleanup solution. Also available in metric sizes.

CFIA approved.

Typical Use: Eliminates need to disassemble

parts and components.

ltem	Container Size	Pack
00112	1 kit	5



Typical Use: Enhances bonds to rubber.

ltem	Container Size	Pack
99626	3 oz. bottle	6



#### **LOCTITE® MR FLEX 80™ PUTTY**

A trowelable, two-part urethane for rebuilding and repairing rubber parts and linings, providing impact-, abrasion-, and corrosion-resistant protection.

Typical Use: Belt repair, rebuilding and repairing rubber parts and

linings.

**Container Size** Item **Pack** 97423 1 lb. kit



#### **LOCTITE® SF 8220™ FLEX CLEANER**

Formerly known as FIXMASTER® FLEX CLEANER

Typical Use: Cleans and primes surfaces.

ltem	Container Size	Pack
39636	4 oz. can	6



### **LOCTITE® CLOVER® SILICON CARBIDE GREASE MIX**

The standard abrasive paste for fast metal removal. Produces a smooth, flat surface but not a polished one. Leaves a rust-preventing film on lapped surfaces.

Typical Use: Lapping compound.

ltem	Container Size/Grit	Pack
39401	1 lb. can/Gr. A-280 Grit	6
39413	1 lb. can/Gr. B-240 Grit	6
39473	1 lb. can/Gr. G-80 Grit	6
39523	1 lb. can/Gr. 2A-400 Grit	6
39561	1 lb. can/Gr. 5A-800 Grit	6



### LOCTITE® PC 3967™ STRIPPED THREAD REPAIR KIT

Formerly known as FORM-A-THREAD® Permanently repairs stripped threads and fasteners in five minutes (up to SAE Grade 5 English and 8.8 metric). Allows up to 1,538 in.-lbs. torque (on 1" bolt) and 300°F (149°C). Resists most shop fluids.

Typical Use: Repairing stripped threads.

ltem	Container Size	Pack
28654	12.9 ml kit	6







### LOCTITE® SI 5075™ INSULATING & SEALING WRAP

This innovative, self-fusing silicone wrap is perfect for electrical insulation and sealing applications, even for pipes under pressure. It withstands extreme conditions such as salt water, fuel and acid fluids exposure, temperatures ranging from -65°F to 500°F, tensile strength up to 700 psi and dielectric strength up to 400 vpm. It is also suited for an unlimited number of other applications such as tool handle wrapping, harness wrapping, temporary clamping, vibration damping, underwater repairs and much more.

Typical Use: Jumper cable grip/insulating, emergency hose repair, exhaust wrap, tool handles.

ltem	Container Size	Pack
1212164	1" x 10' red roll	10
1540599	1" x 10' black roll	10
1496756	2" x 36' black roll	10



# LOCTITE® SF 5408 BELT DRESSING & CONDITIONER

Extends belt life. Penetrates the cord fibers of "V" belts to restore pliability and flexibility. Prevents belt slippage due to heat, cold, dampness, dust and glazing. Eliminates squeaking and slipping.

**Typical Use:** Fan belts, water pumps, power steering, air conditioners and

power tools.

Item	<b>Container Size</b>	Pack
30527	12 oz. aerosol	12



# LOCTITE® SF 7900™ CERAMIC SHIELD FOR WELDING

Innovative ceramic protective coating that protects welding equipment against metal spatter for eight hours, without reapplication. Minimizes equipment cleaning and eliminates downtime, reducing cost and enhancing productivity.

Typical Use: High-performance welding,

anti-spatter.

ItemContainer SizePack16166929.5 oz. aerosol6



### LOCTITE® FREKOTE® S-50™ SACRIFICIAL MOLD RELEASE AGENT

Offers excellent release and slip properties and is recommended for the most demanding silicone rubber molding applications. When properly applied to a preheated surface, this water-based product forms a thin, inert, thermally-stable coating capable of releasing most types of silicone rubber. Furthermore, S-50<sup>™</sup> is capable of being diluted with water at a wide range of ratios.

Typical Use: Silicone molding applications.

- ·		
ltem	<b>Container Size</b>	Pack
37086	12.8 oz. aerosol	12
36529	1 gal. can	4
36530	5 gal. pail	1

# KITS / SPECIAL PRODUCTS / DISPENSING EQUIPMENT



### LOCTITE® 50 ML F TUBE SQUEEZE DISPENSER

Designed to dispense all LOCTITE® products that come in 50 ml tubes. Ergonomic, easy-to-use dispenser improves bead positioning and reduces waste.

Typical Use: General purpose.

ltem	<b>Container Size</b>	Pack
1083845	1 applicator	1



# LOCTITE® 50 ML DUAL CARTRIDGE MANUAL APPLICATOR

Hand-held cartridge dispenser for 50 ml dual cartridges. Compatible with 1:1, 2:1 mix ratio products.

Typical Use: General purpose.

ltem	Container Size	Pack
98472	1 applicator	1





Stepped tip, 5.9" Overall length, 0.25" mm ID, 20 elements. For 1:1, 2:1, 4:1 mix ratio products.

Typical Use: Used with 50 ml dual cartridges.

ltem	<b>Container Size</b>	Pack
98623	1 nozzle	10



### LOCTITE® CAULKING GUN CONVERSION KIT FOR 50 ML CARTRIDGES

Converter kit for household caulking gun.

Typical Use: Accepts 50 ml.

ltem	Container Size	Pack
98466	1 kit	1



# LOCTITE® 50 ML SQUARE MIX NOZZLE

Plastic, disposable nozzles that attach directly to LOCTITE® H3000™ dual cartridges. They are designed to mix adhesive automatically as it travels through the static-mix nozzle.

Typical Use: Used with H3000™.

ltem	Container Size	Pack
98473	1 nozzle	10



# LOCTITE® 400 ML DUAL CARTRIDGE MANUAL APPLICATOR

Hand-held cartridge dispenser for 200 ml/400 ml dual cartridges with 1:1 or 2:1 mix ratios.

Typical Use: General purpose.

Item	Container Size	Pack
983438	1 applicator	1



Stepped tip, 7.3" overall length, 6.3 mm ID, 24 elements. 1:1, 2:1 mix ratios.

Typical Use: Used with 200 & 400 ml

cartridges.

ItemContainer SizePack984561 nozzle10





### LOCTITE® DUAL CARTRIDGE MANUAL APPLICATOR – HEAVY-DUTY

Handheld, manually operated dispenser for 2-part adhesives with medium to high viscosity. For 200 ml and 400 ml products with 1:1, 2:1, 4:1, 10:1 mix ratios.

Typical Use: General purpose.

ItemContainer SizePack13727511 applicator1



#### **10 ML SYRINGE DISPENSER**

Hand-held, manually operated dispenser for use with LOCTITE 426 Instant Adhesive.

**Typical Use:** Gel CA syringe dispensing.

ItemContainer SizePack12338001 applicator1



# LOCTITE® FIXMASTER® RAPID RUBBER REPAIR STATIC MIXERS

These mixing nozzles are for use with LOCTITE® Fixmaster® Rapid Rubber Repair Urethane in the 400 ml cartridge. Packaged in bags of 6.

Item	<b>Container Size</b>	Pack
39633	6 dispensers	1



### LOCTITE® DISPENSE NEEDLE, 18 GAUGE, ¼" STAINLESS STEEL

High-precision dispense needle, 18 gauge, stainless steel with vertical thread for secure valve and syringe barrel attachment. For use with LOCTITE® 426™ Instant Adhesive.

Typical Use: Dispensing needle.

ItemContainer SizePack9819650 tips1



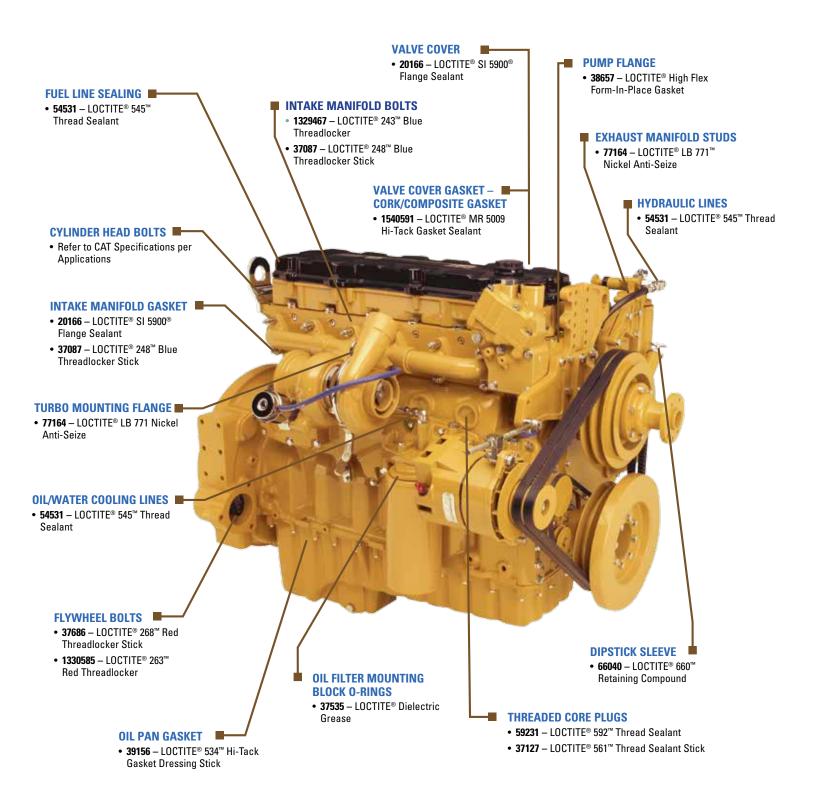
# TEROSON® POWERLINE II AIR CARTRIDGE GUN

High-pressure pneumatic gun – piston rod positive displacement, for flat-stream and wide-stream nozzle applications. For use with 300 and 310 ml cartridges.

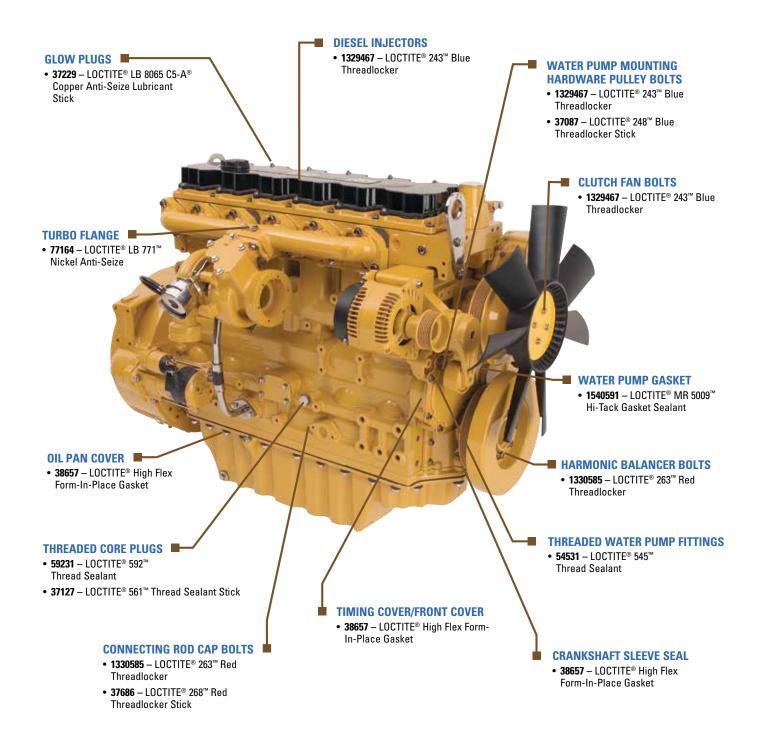
Typical Use: General purpose.

ltem	Container Size	Pack
960304	1 applicator	1

### **ENGINE APPLICATIONS**







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LOCTITE® LB 8008™ C5-A® Copper-Based Anti-Seize Lubricant  LOCTITE® LB 8009™Heavy-Duty Anti-Seize  LOCTITE® LB 8012™ Metal-Free Moly Paste  LOCTITE® LB 8017™ Moly Dry Film Lubricant  19  LOCTITE® LB 8017™ Moly Dry Film Lubricant  19  LOCTITE® LB 8023™ Marine Grade Anti-Seize  22, 23  LOCTITE® LB 8028™ Camshaft Lube  20  LOCTITE® LB 8029™ Krytox® RFE Lubricant  20  LOCTITE® LB 8040™ Freeze & Release  19  LOCTITE® LB 8040™ Freeze & Release  19  LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick  23  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  23  LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  23  LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  23  LOCTITE® LB 8150™ Silver Grade Anti-Seize  10  LOCTITE® LB 8150™ Silver Grade Anti-Seize  23  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  20  LOCTITE® LB 8304™ High Performance Synthetic Grease  19  LOCTITE® LB 8421™ Gear/Chain Lube  20  LOCTITE® LB 8421™ Graphite 50™ Anti-Seize  22, 23  LOCTITE® LB 8632™ Clear High Performance  19  Synthetic Grease  LOCTITE® LB 8711™ Penetrating Oil  19  LOCTITE® LB 8711™ Penetrating Oil  19  LOCTITE® LB 8713™ Super Penetrating Oil  19  LOCTITE® LB 8001™ Silicone Lubricant  20  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® High Flex Form-In-Place Gasket	14, 18
Anti-Seize Lubricant  LOCTITE® LB 8009™Heavy-Duty Anti-Seize  LOCTITE® LB 8012™ Metal-Free Moly Paste  LOCTITE® LB 8017™ Moly Dry Film Lubricant  LOCTITE® LB 8023™ Marine Grade Anti-Seize  LOCTITE® LB 8023™ Marine Grade Anti-Seize  LOCTITE® LB 8028™ Camshaft Lube  20  LOCTITE® LB 8029™ Krytox® RFE Lubricant  LOCTITE® LB 8040™ Freeze & Release  LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8070™Heavy-Duty Anti-Seize  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Gear/Chain Lube  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8700™ Moly 50  LOCTITE® LB 8700™ Mily 50  LOCTITE® LB 8700™ Silicone Lubricant  20  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8700™ MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 771™ Nickel Anti-Seize	22, 23
LOCTITE® LB 8012™ Moly Dry Film Lubricant         19           LOCTITE® LB 8023™ Marine Grade Anti-Seize         22, 23           LOCTITE® LB 8028™ Camshaft Lube         20           LOCTITE® LB 8028™ Camshaft Lube         20           LOCTITE® LB 8040™ Freeze & Release         19           LOCTITE® LB 8040™ Freeze & Release         19           LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick         23           LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick         22, 23           LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick         23           LOCTITE® LB 8150™ Silver Grade Anti-Seize         23           LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant         20           LOCTITE® LB 8304™ High Performance Synthetic Grease         19           LOCTITE® LB 8421™ Gear/Chain Lube         20           LOCTITE® LB 8632™ Graphite 50™ Anti-Seize         22, 23           LOCTITE® LB 8632™ Graphite 50™ Anti-Seize         22, 23           LOCTITE® LB 8711™ Penetrating Oil         19           LOCTITE® LB 8711™ Penetrating Oil         19           LOCTITE® LB 8711™ Super Penetrating Oil         19           LOCTITE® LB 8801™ Silicone Lubricant         20           LOCTITE® MR 5416™ Silicone Lubricant         20           LOCTITE® MR 5416™ Black Contact Adhesive         31, 33		22, 23
LOCTITE® LB 8017™ Moly Dry Film Lubricant  LOCTITE® LB 8023™ Marine Grade Anti-Seize  22, 23  LOCTITE® LB 8028™ Camshaft Lube  20  LOCTITE® LB 8029™ Krytox® RFE Lubricant  20  LOCTITE® LB 8040™ Freeze & Release  19  LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick  23  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  22, 23  LOCTITE® LB 8070™ Heavy-Duty Anti-Seize Stick  23  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  20  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  20  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  20  LOCTITE® LB 8632™ Clear High Performance  19  Synthetic Grease  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8009™Heavy-Duty Anti-Seize	23
LOCTITE® LB 8023™ Marine Grade Anti-Seize  LOCTITE® LB 8028™ Camshaft Lube  20  LOCTITE® LB 8040™ Freeze & Release  LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8011™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8012™ Metal-Free Moly Paste	22, 23
LOCTITE® LB 8028™ Krytox® RFE Lubricant  LOCTITE® LB 8040™ Freeze & Release  LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™ Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8111™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Super Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8017™ Moly Dry Film Lubricant	19
LOCTITE® LB 8029™ Krytox® RFE Lubricant  LOCTITE® LB 8040™ Freeze & Release  LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™ Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Super Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8023™ Marine Grade Anti-Seize	22, 23
LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™ Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Graphite 50™ Anti-Seize  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8028™ Camshaft Lube	20
LOCTITE® LB 8042™ White Lithium Grease  LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8421™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance Synthetic Grease  LOCTITE® LB 8632™ Clear High Performance Synthetic Grease  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8029™ Krytox® RFE Lubricant	20
LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick  LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  19  LOCTITE® LB 8421™ Gear/Chain Lube  20  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  22, 23  LOCTITE® LB 8502™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8700™ Moly 50  22, 23  LOCTITE® LB 8711™ Penetrating Oil  19  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Super Penetrating Oil  19  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  23, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8040™ Freeze & Release	19
LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick  LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8700™ Moly 50  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8042™ White Lithium Grease	20
LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick  LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  20  LOCTITE® LB 8304™ High Performance Synthetic Grease  19  LOCTITE® LB 8421™ Gear/Chain Lube  20  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  22, 23  LOCTITE® LB 8632™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8700™ Moly 50  22, 23  LOCTITE® LB 8711™ Penetrating Oil  19  LOCTITE® LB 8713™ Super Penetrating Oil  19  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8060™ Silver Grade Anti-Seize Stick	23
LOCTITE® LB 8150™ Silver Grade Anti-Seize  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  20  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  22, 23  LOCTITE® LB 8632™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8700™ Moly 50  22, 23  LOCTITE® LB 8711™ Penetrating Oil  19  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  20  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8065™ C5-A® Copper Anti-Seize Stick	22, 23
LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant  LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance  Synthetic Grease  LOCTITE® LB 8700™ Moly 50  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8070™Heavy-Duty Anti-Seize Stick	23
LOCTITE® LB 8304™ High Performance Synthetic Grease  LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance Synthetic Grease  LOCTITE® LB 8700™ Moly 50  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8150™ Silver Grade Anti-Seize	23
LOCTITE® LB 8421™ Gear/Chain Lube  LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance Synthetic Grease  LOCTITE® LB 8700™ Moly 50  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8711™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive	LOCTITE® LB 8211™ Krytox® RFE Dry Film Lubricant	20
LOCTITE® LB 8504™ Graphite 50™ Anti-Seize  LOCTITE® LB 8632™ Clear High Performance Synthetic Grease  LOCTITE® LB 8700™ Moly 50  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive  32, 33		19
LOCTITE® LB 8632™ Clear High Performance Synthetic Grease  LOCTITE® LB 8700™ Moly 50  22, 23  LOCTITE® LB 8711™ Penetrating Oil  LOCTITE® LB 8713™ Super Penetrating Oil  LOCTITE® LB 8801™ Silicone Lubricant  20  LOCTITE® MR 2000™ Extreme Temperature Repair Putty  28, 32  LOCTITE® MR 5009™ Hi-Tack Gasket Sealant  17, 18  LOCTITE® MR 5412™ Contact Adhesive  31, 33  LOCTITE® MR 5416™ Black Contact Adhesive  32, 33  LOCTITE® MR 5416™ All Purpose Spray Adhesive  32, 33  LOCTITE® MR 5426™ Maximum Strength  Headliner Adhesive		20
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	596168		BONDERITE® C-MC 2280™ Cleaner	26
	597788		BONDERITE® C-MC 2235™ Cleaner	25
	623285		BONDERITE® S-OT 40™ Lubricant	21
	879525		BONDERITE® L-GP 4141™ Corrosion Inhibitor	26
	910512		BONDERITE® L-MR CR 26™ 0il	21
	922546		LOCTITE® SI 5600™ Adhesive/Sealant	15, 18
	960304		TEROSON® Powerline II Air Cartridge Gun	36, 40
	983438	218312	LOCTITE® 400 ml Dual Cartridge Manual Applicator	39
	1069258		LOCTITE® 7088™ Primer Stick	9, 10
	1083845		LOCTITE® 50 ml F Tube Squeeze Dispenser	39
	1138282		LOCTITE® 2620™ Threadlocker	5, 6
	1158514		LOCTITE® Head Bolt & Water Jacket Sealant	8, 10
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	1212164		LOCTITE® SI 5075™ Insulating & Sealing Wrap	38
	1233800		LOCTITE® 10 ml Syringe Dispenser	40
	1241991		LOCTITE® 5188™ Flange Sealant	14, 18
	1253203		LOCTITE® 5188™ Flange Sealant	14, 18
	1265623		BONDERITE® C-NE 5175™ Cleaner	26
	1265769		LOCTITE® 5452™ Thread Sealant	8, 10
	1265770		LOCTITE® 5452™ Thread Sealant	8, 10
	1265826		BONDERITE® C-NE 5175™ Cleaner	26
	1329467		LOCTITE® 243™ Threadlocker	3, 6
	1329837		LOCTITE® 243™ Threadlocker	3, 6
	1330335		LOCTITE® 263™ Threadlocker	4, 6
	1330585		LOCTITE® 263™ Threadlocker	4, 6
	1372603		LOCTITE® 249™ Threadlocker Tape	4, 6
	1372751		LOCTITE® Dual Cartridge Manual Applicator Heavy-Duty	40
	1377641		TEROSON® PU 9096™ PL Sealant	35, 36

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	1527514		LOCTITE® 5113™ Thread Sealant with PTFE	8, 10
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	1540599		LOCTITE® SI 5075™ Insulating & Sealing Wrap	38
	1545630		BONDERITE® M-NT 1455W™ Wipes	26
	1560557		TEROSON® MS 5510™ Adhesive Sealant	31, 34
	1562040		TEROSON® MS 5510™ Adhesive Sealant	31, 34
	1613186		LOCTITE® LB 8504™ Graphite 50™ Anti-Seize	22, 23
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222-3114	1786073		LOCTITE® LB 8008™ C5-A® Copper-Based Anti-Seize Lubricant	22, 23
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	1787977		LOCTITE® LB 8028™ Camshaft Lube	20
5P-3413	1787978		LOCTITE® 536™ Thread Sealant	7, 10
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	1957952		BONDERITE® C-MC 5886™ Cleaner	25
	1957954		BONDERITE® C-MC 2237™ Cleaner	25
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	2068378		TEROSON® MS 939™ NA Black Elastic Adhesive	31, 34
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FOR TECHNICAL ASSISTANCE, CALL PRODUCT ENGINEERING FOR NORTH AMERICA AT 1.800.LOCTITE (562.8483), THEN PRESS 3.

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