167ML50

PREMIUM ANTI-SEIZE LUBRICANT

For Corrosion Resistant Alloys and Stainless Steel

GEAR OILS
MOTOR OILS
HYDRAULIC OILS
PIPE COATINGS
THREAD SEALANTS
BEARING GREASES
SPECIALTY GREASES
THREAD COMPOUNDS
SUCKER ROD COATINGS
OUTSIDE PRESERVATIVES
WIRELINE GREASE SEALS
CLEANERS & DEGREASERS
PIPE STORAGE COMPOUNDS
RUST & CORROSION INHIBITORS
THREAD LOCKING COMPOUNDS
VALVE LUBRICANTS & SEALANTS
TOOL JOINT & DRILL COLLAR COMPOUNDS

PRODUCT DESCRIPTION

167ML50 is a premium, anti-seize, anti-gall thread lubricant for use on stainless steel and high corrosion resistant metal/alloy pipe, including chromium, nickel, and Monel. Having a high molybdenum disulfide content, 167ML50 is excellent for use on pipe that has premium metal-to-metal threaded or shouldered seals, or is susceptible to thread galling and seizing during make-up or break-out. 167ML50 is also a film forming lubricant commonly used for close tolerance press on applications.

BENEFITS

- **Film forming lubricant**
- **Anti-seize compound**
- **Anti-gall properties**
- **Anti-wear properties**
- **Excellent anti-galling for premium connections**
- **High temperature rated**
- **For use on CRA pipe**

APPLICATION

167ML50 is formulated use on stainless steel and high corrosion resistant metal/alloy premium connections including chromium, nickel, and Monel.

TYPICAL OBSERVATIONS

Color	Gray
Texture	Smooth, Buttery
Thickener	Lithium Complex
Active Ingredient	LIQUILON®
Density lb/gal, @ 77°F (25°C)	10.66
Specific Gravity @ 77°F (25°C)	1.28
Dropping Point ASTM D-2265	>500°F (>260°C)
Flash Point, ASTM D-92	>400°F (>204°C)
Penetration, ASTM D-217 worked at 77°F (25°C)	265–295
Base Oil Viscosity 40°C, cSt	370
Water Washout, ASTM D-1264 @ 100°F (37°C)	Nil
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	Nil
Oil Separation, ASTM D-1742 @ 77°F (25°C)	Nil
Oxidation Stability, ASTM D-942, @ 210°F (98°C), 72 hrs, PSI Loss	2
Freezing Point	-10°F (-23°C)
Temperature Range	-20°F to >450°F (-29°C to >232°C)
Friction Factor, API RP 5A3 Annex I	0.9
Salt Spray Test, ASTM B-117	2,000 hours
Shelf Life (unopened container)	Four years

RELATED PRODUCTS

167SYN Premium Multipurpose Synthetic Grease
328 OCR Modified Premium Connection Metal-Free Thread Compound

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