

LA 135 ANTI SEIZE ASSEMBLY PARA-SYN® GREASE

NLGI-2 LB-GC

DESCRIPTION

LA 135 Anti-Seize Lubricant is a heavy duty, high temperature lubricant that prevents galling, seizing and corrosion during assembly and assures easier disassembly. The product contains a refined blend of copper and graphite lubricants that can be used on slow moving parts. Salt, corrosion and moisture resistant including when high loads and heavy pressures are encountered in mining, industrial, automotive, marine, workshop and domestic applications.

LA 135 Anti-Seize Assembly Grease is manufactured from exclusive PARA-SYN base oils and a complexed non-organic saponified thickener. Meets or exceed the requirements of Military Specification Mil- A-907E.

EXCELLENT LOAD CARRYING CHARACTERISTICS

LA 135 provides an excellent load carrying ability to hold over 620kg 4-Ball weld test. LA 135 retains its NLGI 2 texture and will not squeeze out nor 'wipe away' from opposing frictional surfaces nor tear and rupture with stay put qualities that will stay in place long after application.

CORROSION RESISTANT

Corrosion-resistant additives allow LA 135 to withstand caustic environments, such as steel mills and power plants. Also known as thread lubricants, LA 135 prevents threaded fasteners and close-fitting parts from locking together due to corrosion, contamination, or heat.

OXIDATION RESISTANCE

LA 135 includes oxidation inhibitive qualities that resist oxidation of the lubricant, therefore retaining the elasticity required for extended lubrication and protection intervals. Oxidation is the forerunner of cancerous corrosion and its resultant downtime.

PRODUCT BENEFITS

- Effectively lubricates assemblies exposed to high temperatures and heavy contact pressures
- Suitable for service up to 870°C (1,600°F). Wide temperature operation
- Reduce corrosion and seizing due to weathering or chemicals
- Permits easy disassembly of parts exposed to heat or corrosive environments
- Water/acid/alkali resistant to softening and washout
- Extreme Pressure and anti-wear properties against galling, seizing and fretting

PRODUCT APPLICATIONS

- Spark plug threads installed into aluminium heads
- Exhaust manifold and engine bolts
- Anchor pins on brake assemblies
- U-bolts and spring bolts
- Lubricates and permits easy disassembly of assemblies exposed to high temperatures and heavy contact pressures, such as boiler and oven parts, jet engines, and industrial turbines.
- Hinges, gears, chain, sprockets and rollers

LA 135 Anti-Seize Lubricant is an excellent tool joint compound for pipe threads and collars with easy make up and low break out torques.

Lubricants that meet MIL-A-907F and MIL-PRF-907F have been tested to prevent corrosion of copper and for antiseize properties when used with steel nuts and studs.

TYPICAL TEST	ASTM METHOD	LA 135
NLGI Grade		2
Type		Non-Organic
Appearance		Copper
Penetration, worked @ 25°C, after 60 strokes	D.217	275 - 285
Mechanical Stability, 10,000 strokes, % change	D.217	-1.0
Dropping Point, °C	D.2265	289 °
Water washout at 80°C, % lost	D.1264	<2.0
Evaporation Loss, % @ 175°C	D.972	3.3 (+/-)
Bomb Oxidation, psi drop, 500 hours +	D.942	4.0
Copper Corrosion Test	D.4048	1A
Timken OK Load, Kg	D.2509	32+
4-Ball EP, Weld, Kg/f LWI, Kg/f	D.2596	620 min >60
4-Ball Wear Scar, mm	D.2266	0.45
Roll Stability, 50% water, % change in penetration	D.1831	2.1
Rust Test	D.1743	Pass
Temperature Range – Direct Thermal Heat (,*)	D.128	-38°C to 870°C
Oil Separation, % loss	D.1742	0.1
Base Oil, cSt @ 40°C	D.445	460

(*) Lubrication at extremes of the temperature range is limited to static application only.