

SLS EPLCB Extreme Pressure Industrial Grease

Description:

SLS EPLCB delivers remarkable protection against extreme pressures and shock loads, boasting a weld point of 800 kg and a Timken OK load of 70 lbs. In addition, SLS EPLCB is formulated with advanced rust and corrosion inhibitors to provide excellent protection in harsh environments.

SLS EPLCB contains a shear stable lithium complex thickening system that can handle heat in even the most extreme environments. It is formulated with a blend of pure petroleum oils combined with the latest in high performance additives to provide superior all-around protection in the harshest environments where extreme pressure and shock loading occur. Its blend of high-quality petroleum oils and shear stable polymers offer pumpability and excellent adhesion to metal surfaces, reducing consumption and extending service life. Like all SLS products, EPLCB employs environmentally safe chemistries free of halogens and heavy metals.

Features & Benefits:

1. Formulated to address environmental concerns – SLS EPLCB reduces consumption and is free of halogens and heavy metals.
2. Superior line and point contact protection against extreme pressures and shock loading
3. Remarkable rust and corrosion protection in extreme environments.
4. Excellent adhesion to metal surfaces, reducing consumption and extending service life.
5. Excellent mechanical stability allows the grease to keep its consistency in service ensuring long term protection.

Applications:

SLS EPLCB provides superior protection and is suitable in a wide array of applications including: mining, construction, steel mills, trucking, logging, agriculture and more.

Technical Data for SLS EPLCB

Test	Method	Typical Test Data		
		2	1	0
NLGI Grade		2	1	0
Thickener – Type		Lithium Complex	Lithium Complex	Lithium Complex
Color		Bluish Green	Bluish Green	Bluish Green
Appearance		Smooth & Tacky	Smooth & Tacky	Smooth & Tacky
Base Oil Kinetic Viscosity, cSt @ 40 °C @ 100 °C	D 445	160 12	160 12	160 12
Penetration, Worked @ 77°F	D 217	280	320	370
Dropping Point, °F	D 2265	500	500	450
4-Ball EP Weld Point, kg	D 2596	800	800	800
Load Wear Index	D 2596	120	120	120
4-Ball Wear Scar, mm	D 2266	0.6	0.6	0.6
Timken OK Load, lbs.	D 2509	70	70	70
Mobility @ 60°F, g/min	US Steel	200	350	600
Water Spray-off, %	D 4049	20	40	N/A
Water Washout @ 175°F, %	D 1264	1.0	2.5	N/A
Rust Prevention	D 1743	Pass	Pass	Pass
Copper Corrosion	D 4048	1b	1b	1b
Falex Ring-on-Block (600lbs/300rpm/1hr) non-replenished sump	D 2509 Modified	Pass	Pass	Pass
• PSI Rating		10,000	10,000	10,000
• Max Temp, °C		140	140	140
• Average Coefficient of Friction after 30 Minutes		0.03	0.03	0.03