



## **SLS EPLCCB Extreme Pressure Industrial Grease**

### Description :

SLS introduces its Extreme Pressure Grease Lubricant, SLS EPLCCB. This new SLS product 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 EPLCCB is formulated with the most advanced rust and corrosion inhibitors to provide excellent protection in even the harshest salt water environments.

SLS EPLCCB 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, EPLCCB employs environmentally safe chemistries free of halogens and heavy metals.

### Features & Benefits:

1. Formulated to address environmental concerns – SLS EPLCCB 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 even the most extreme salt water 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 EPLCCB 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 EPLCCB

Test	Method	Typical Test Data	
NLGI Grade		2	1
Thickener – Type		Lithium Complex With Strong Corrosion Inhibitors	Lithium Complex With Strong Corrosion Inhibitors
Color		Blue	Blue
Appearance		Smooth & Tacky	Smooth & Tacky
Base Oil Kinetic Viscosity, cSt @ 40 °C @ 100 °C	D 445	140 11	140 11
Penetration, Worked @ 77°F	D 217	280	320
Dropping Point, °F	D 2265	500	500
4-Ball EP Weld Point, kg	D 2596	> 800	> 800
Load Wear Index	D 2596	160	160
4-Ball Wear Scar, mm	D 2266	0.6	0.6
Timken OK Load	D 2509	70	70
Mobility @ 60°F, g/min	US Steel	150	250
Water Spray-off, %	D 4049	25	50
Water Washout @ 175°F, %	D 1264	1.2	3.0
Rust Prevention, 100% Sea Water	D 5969	Pass	Pass
Copper Corrosion	D 4048	1b	1b
Falex Ring-on-Block (600lbs/300rpm/1hr) non-replenished sump	D 2509 Modified	Pass	Pass
<ul style="list-style-type: none"> <li>• PSI Rating</li> <li>• Max Temp, °C</li> <li>• Average Coefficient of Friction after 30 Minutes</li> </ul>		10,000 140 0.03	10,000 140 0.03