

Termalene Extreme Pressure Grease LC

Termalene Extreme Pressure Grease LC is a severe duty lithium complex grease recommended for general lubrication service in both mining and industrial applications. Termalene Extreme Pressure Grease LC will replace most conventional and specialized products. Its low oil separation and good pumpability make it ideal for use in centralized lubrication systems and its Extreme Pressure protection and mechanical stability make it ideal for use in high load, high shear applications. Termalene Extreme Pressure Grease LC's water resistance and resistance to oxidation increases grease and bearing life.

APPLICATIONS

- Typical mining applications include main machinery bearings on draglines and electric rope shovels, process equipment anti-friction bearings and low and high speed journal bearings, conveyors, shaker or classifier bearings, crusher bearings and most heavy-duty applications
- Typical industrial and mobile equipment applications are anti-friction bearings, low- and high speed journal bearings, general machinery lubrication, all chassis points including ball and universal joints, wheel bearings, king pins, fifth wheels and other severe duty applications

PRODUCT FEATURES

- Mechanical stability
- Extreme Pressure and Anti-wear
- Water resistant

BENEFITS

- Provides excellent mechanical stability for superior bearing retention resulting in potential reduced grease consumption
- Reduces friction and wear promoting extended component life
- Excellent resistance to water washout. Provides protection in the wettest environments

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Typical Physical Properties		
Property	Test Method	1
Worked Penetration	ASTM D217	325
NLGI Grade		1
Thickener Type		Lithium Complex
Viscosity @ 40°C, cSt	ASTM D445	224
Viscosity @ 100°C, cSt	ASTM D445	18.9
Dropping Point, °C (°F)	ASTM 2265	245 (473)
Copper Strip Corrosion	ASTM D4048	1B
Water Washout %	ASTM D1264	3.5
4-Ball EP Test, Weld Load, kg	ASTM D2596	250
4-Ball EP Test, Load Wear Index	ASTM D2596	53.9
4-Ball Wear Scar Diameter, mm	ASTM D4172	0.46
Timken EP Test, OK Load, kg (lb)	ASTM D2509	22.8 (50)
Rust Protection	ASTM D1743	Pass
Useful Temperature Range, °C (°F)		-40 to 177 (-40 to 350)
Color		Red

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