



TECHNICAL DATA SHEET

SURE-FILM™ LF EXTREME PRESSURE GREASE

Sure-Film™ LF is a robust lithium 12-hydroxystearate soap base lubricant, designed with the needs of mining equipment in mind, and reinforced with extreme pressure and load carrying additives.

BENEFITS:

- Retention in Bearings – Does not exhibit high leakage.
- Water Resistance – Will withstand water washout.
- Mechanical Stability – Works continuously without change in consistency.
- Reversibility – Stable with repeated heating and cooling.
- Pressure Oil Separation – Resists oil-soap separation under pressure.
- Compatibility – Compatible with seals.

APPLICATIONS:

Recommended for use in antifriction ball and tapered roller bearings, bushings, splines, couplings and pins and cable sockets on draglines and shovels. Also recommended for use on rolling stock.

ASTM #		TYPICAL CHARACTERISTICS		
		0	1	2
D-217	Grade	0	1	2
	Cone Penetration (Worked)	345-375	300-330	255-285
D-2265	Dropping Point, °F (°C)	340 (171)	355 (179)	365 (185)
D-445	Kinematic Viscosity (Base Oil)			
	cSt @ 40°C	218	218	218
	cSt @ 100°C	16.3	16.3	16.3
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	7.60	7.76	7.80
D-2509	Timken OK Load, lb	45	45	45
D-2596	Four Ball EP			
	Weld Point, kg	315	315	315
	Load Wear Index	50	50	50
D-2266	Four Ball Wear			
	Scar Width, mm	0.50	0.50	0.50
D-1743	Rust Test	Pass	Pass	Pass
	Thickener Type	Lithium 12-Hydroxystearate	Lithium 12-Hydroxystearate	Lithium 12-Hydroxystearate
OEM Standard	Low Temperature Pumpability			
	Lincoln Ventmeter @ 400 psi, °F (°C)	5 (-15)	30 (-1)	45 (7)

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Drums	Kegs	Pails
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THE WHITMORE MANUFACTURING COMPANY

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Performance Under Pressure Since 1893

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