

TECHNICAL DATA SHEETS

Chemoil High-Temperature Grease #2

Chemoil High-Temperature Grease #2 is a high-temperature, lithium complex grease with excellent multi-purpose properties. It is formulated with extreme-pressure (EP) additives, anti-wear agents and long-lasting corrosion and oxidation inhibitors. Chemoil High-Temperature Grease #2 provides maximum protection and trouble-free operation in a wide range of lubricating applications including drilling rigs, oilfield equipment, heavy-duty trucking, construction, agriculture, mining and most all industrial service applications.

EQUIPMENT BENEFITS

- Aggressive EP and anti-wear agents protect critical components under extreme load
- Outstanding resistance to corrosion extends equipment life
- Excellent shock load protection for heavy-duty equipment
- Optimum high-temperature performance provides resistance to grease softening
- Oxidation inhibitors maintain maximum protection in extended service

PRODUCT FEATURES

- Maintains grease consistency and lubricating film strength under heavy load
- Special polymers deliver desired tackiness to prevent bearing drop out and resist water washout
- Balanced base oil viscosity resists separation and bearing dropout while maintaining optimum pumpability
- Select lithium complex thickener delivers optimum high-temperature performance
- NLGI certification GC-LB multi-purpose application for wheel bearing and heavy-duty chassis lubrication
- Excellent four-ball wear and EP performance delivers maximum protection in severe applications

APPLICATIONS

- Journal, roller, ball and most bearing types utilized on Drilling Rigs, Frac Equipment and other oilfield applications.
- Disc and drum brake wheel bearings
- Industrial ball and roller bearings
- Heavy-duty chassis and ball & universal joint lubrication
- Trailer & 5th wheel lubrication
- Conveyer bearings & equipment hinge pins

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Minor variations in typical physical properties may occur from normal manufacturing processes

TEST	NLGI Consist.	2	Property	NLGI Consist.	2
NLGI Certification	ASTM D4950	GC-LB	Four-Ball Wear, mm	ASTM D2266	0.60
Thickener	TYPE	Lithium Complex	Four-Ball Load Wear Index, kgf	ASTM D2596	50
Color	Visual	RED	Timken OK Load, lbs.	ASTM D2509	70
Texture	Visual	Smooth-Tacky	Oil Separation, %	ASTM D1742	1.0
Worked 60 Penetration @ 25°C	ASTM D217	285	Water Washout @ 80°C, %wt.	ASTM D1264	<10.0
Base Oil Viscosity, cSt @ 40°C	ASTM D445	224	Rust Protection	ASTM D1743	Pass
Dropping Point, °F	ASTM D2265	550	Copper Corrosion	ASTM D4048	Pass
Four-Ball EP Weld Point, kgf	ASTM D2596	315			