Product Data Sheet

Moly RR

Description and Applications

Saheli Moly RR grease is a heavy-duty high performance lithium/calcium soap based grease with MoS2 for use in a wide range of marine, industrial and automotive applications. It is manufactured from high quality solvent refined base oils and performance additives to provide good structural stability, resistance to water washout and effective protection from wear and corrosion. It is specially designed to deliver outstanding performance in arduous automotive, marine and mining applications.

Features and Benefits

- Outstanding extreme pressure and anti-wear properties extend bearing life under heavy and shock load conditions.
- Excellent mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings even in the presence of water.
- Very good corrosion protection and resistance to water washout resulting in improved component protection and equipment life.
- Good adhesive property ensures that the grease stays in place for longer re-lubrication intervals.
- High drop point ensures extended operating range of up to 130ºC.
- Good low temperature fluidity/ pumpability even in cold weather making it ideal for use in centralized lubrication systems on vehicles as well as industrial applications.

Applications

- Heavy duty equipments used in marine, off-shore, cement, mining/ quarrying, agriculture and forestry/ logging and other industrial applications under severe conditions.
- Off-highway applications and other arduous automotive applications like “fifth wheel lubrication”.
- General lubrication of machinery, antifriction bearings, sleeve and guide bearings, oscillating bearings.

Estimated Operating Temperature Range

Continuous operation: -25°C to +130°C

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Test Parameters	Test Method	Typical Results
Moly RR	**ASTM D4950**	**NLGI2**
Thickener Type		Lithium/Calcium
Molybdenum disulfide (MoS2), %wt		3
Consistency, worked 60X	ASTM D217	280
Penetration after 100,000 X, (change)	ASTM D217	18
Oil Separation @ 25°C for 24hrs, %wt	ASTM D1742	0.3
Water Washout @ 79°C, %wt loss	ASTM D1264	3.0
Four Ball Weld Load, KGS	ASTM D2596	250
Four Ball Wear, Scar Dia, mm	ASTM D2266	0.6
Timken OK Load, lbs	ASTM D2509	50
Dropping Point °C	ASTM D2265	190
Base Oil Viscosity @ 40°C, cSt	ASTM D445	200
Copper Corrosion 24hrs @ 100°C	ASTM D4048	1a
Oxidation Stability (100hrs)	ASTM D942	0.5
Rust Protection	ASTM D1743	Pass

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