



Gulflex RR

Lithium Calcium EP Grease with MoS₂ for Heavy Duty Applications

Product Description

Gulflex RR grease is 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 & 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 130°C.
- Good low temperature fluidity/ pumpability even in cold weather making it ideal for use in centralised lubrication systems on vehicles as well as industrial applications

Applications

- Heavy duty equipments used in marine, off-shore, cement, mining/ quarrying, agriculture & 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 & guide bearings, oscillating bearings.

Specifications, Approvals & Typical Properties

Meets the following Specifications		
ASTM D4950 GC-LB, ISO 6743-9 L-XBCEB2, DIN 51502 MPF2K-25		
Typical Properties		
Test Parameters	Test Method	Typical Values
Colour	Visual	Grey
Texture	Visual	Smooth
Thickener Type		Lithium/ Calcium
NLGI		2
Type of base oil		Mineral
Molybdenum disulfide (MoS ₂), %wt		3
Estimated Operating Temperature Range		-25°C to 130°C
Base oil viscosity at 40°C, cSt	D 445	200
Consistency, worked penetration 60 strokes	D 217	280
Worked penetration after 100,000 strokes, change in consistency	D 217	18
Dropping Point, °C	D 2265	190
Oil Separation at 25°C for 24 hrs , % wt	D 1742	0.3
Oxidation Resistance, Pressure drop, psi	D 942	0.5
Water Washout @ 79°C, % wt loss	D 1264	3.0
Four ball wear, Scar Dia, mm	D 2266	0.6
Four Ball weld Load in kgs.	D 2596	250
Timken Load, lbs	D 2509	50
Copper strip corrosion at 100° c for 24 hrs, rating	D 4048	1a
Rust Protection	D 1743	Pass

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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