

Product Description

FORCE LITHIUM COMPLEX EP MOLYBDENUM

Grease are high performance high temperature greases for slow moving heavily loaded large bearings subject to shock loads. They are based on high viscosity index mineral oil and lithium complex soap thickener. A part from containing the latest additives to ensure excellent high temperature, anti corrosion & anti oxidation performance, they also contain MoS2 to ensure the grease can handle shock loads

Features and Benefits

FORCE LITHIUM COMPLEX EP MOLYBDENUM

offers the following features and benefits :

Features	Advantages and Potential Benefits
High base oil viscosity to provide excellent load carrying performance	Meets the recommended base oil viscosity recommended by leading OEMs.
Enhanced extreme pressure properties & resistant to shock loads	Excellent load-carrying performance enhanced by the presence of MoS2
Excellent water resistance	Ensures lasting protection even in the presence of large amounts of water
Effective corrosion protection	Ensures components/bearings do not fail due to corrosion

Specifications

Typical Properties

FORCE LITHIUM COMPLEX EP MOLYBDENUM		
NLGI Grade	2	3
Thickener Type	Lithium 12Hydroxy Steare	Lithium 12Hydroxy Steare
Color	Grayish Black	Grayish Black
ISO Viscosity Grade of Oil	VG 460	VG 460
Dropping Point, ASTM D 2265, °C	Min 250	Min 250
Worked Penetration, ASTM D 217, mm/10 @25°C	274	232
Water Washout @ 79°C, ASTM D 1264, wt%	0.79	0.50
Copper Corrosion, ASTM D 4048, Rating	1b	1b
Four Ball Wear, ASTM D 2266, mm	0.51	0.50
Four Ball Weld, ASTM D 2596, kgf	400	400
Oil Separation @ 100°C after 30 hours, ASTM D 6184, wt%	0.70	0.49

Applications

FORCE LITHIUM COMPLEX EP MOLYBDENUM

- greases are used for the grease lubrication of heavy-duty, slow moving bearings especially for open gear, chain lube and wire rope.