

POWEROIL HEAVY DUTY LC2M GREASE

Lithium Complex MO S₂ Based High Performance Grease

POWEROIL HEAVY DUTY LC2M Grease is heavy duty high performance grease containing mineral base oils, lithium complex based thickener & **Molybdenum Disulphide (MoS₂)** solid additive to address heavy shock loads, even at slow operating speeds and high temperatures. Additionally, it has anti corrosion and anti oxidant additives.

PERFORMANCE STANDARDS: (3 % of Moly)

CHARACTERISTICS	POWEROIL HEAVY DUTY LC2M
Colour	Silvery Black
NLGI Grade	2
Penetration @ 25 °C, 60 strokes	265 - 295
Structure	Smooth and Homogeneous
Soap type	Lithium Complex
Base oil viscosity @ 40° C, cSt	300- 350
Penetration @ 25° C, 60 strokes	282
Drop point, °C., Min.	250
Rust test ASTM D-1743	Passes
Weld load, Kg, IP-239, Min.	400
Copper corrosion, 24 hours @100 °C	1b

The above properties are typical values and do not constitute specification of the product

APPLICATION:

- Heavy duty, slow moving plain and rolling element bearings operating in the severe environments under heavy / shock loads, high temperatures, copious water presence and at high vibration levels.
- Ideal choice for steel, cement, mining, paper, textile & chemical industry with increased re-greasing frequency.

PERFORMANCE BENEFITS:

- High base oil viscosity to provide excellent load carrying performance.
- Excellent mechanical stability thereby addressing high vibrating operations.
- Excellent EP properties leading to high shock load resistance.
- Outstanding ability to resist water washout situations.
- Effective corrosion protection.
- High drop point enabling operations at high temperatures.