



Technical Data Sheet

SPHEEROL HD

DESCRIPTION:

Castrol Spheerol HD is a premium, lithium complex, NLGI No. 2 grease, especially developed for heavy duty applications. The product is enhanced by tackifier, 5% molybdenum disulphide and extreme pressure additives, which offer excellent protection from wear. Suitable for use at operating temperatures between -20° and 150°C.

APPLICATION:

Castrol Spheerol HD may be used in a variety of heavy duty and high temperature applications in areas of severe operating and climatic conditions. The product is especially suitable for the lubrication of heavy duty components that are subjected to rotating motion, shock loading and water ingress, for example : chassis, highly loaded kingpins, U-joints, bucket pins, fifth wheels and open gears.

BENEFITS:

- Extended equipment life and higher profitability.
- Reduced downtime and replacement costs.
- Extended re-greasing periods.
- The product forms a natural seal around components, preventing the ingress of dust, grit and foreign matter.
- The excellent load carrying properties ensure that equipment is protected from wear under severe operating conditions.
- The product offers outstanding resistance to water wash through the excellent adhesive properties.
- Reduction in component wear is also provided by the presence of molybdenum disulphide.
- Suitable for high temperature applications.
- Compatible with other lithium and lithium complex greases.
- Protection of equipment from rust, corrosion and oxidation.
- High temperature stability.
- Anti-rust, anti-corrosion and anti-wear additives.
- Castrol Spheerol HD contains tackifier.

NOTE:

Castrol Spheerol HD meets Caterpillar requirements of 5% molybdenum disulphide.

TYPICAL CHARACTERISTICS:

Castrol Spheerol HD	
Product Code	46002
Drop point (°C)	>240
Base oil viscosity at 40°C (cSt)	561.9
Base oil viscosity at 100°C (cSt)	32.29
Worked penetration at 25°C	265
Timken O.K. Load (kg/min)	22
Maximum operating temperature (°C)	150
Colour	Grey / Black
NLGI No.	2
Base	Lithium Complex

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