



PRISTA® CS Complex EP 1.5

Previous name: Prista CS Complex EP 1.5 VG 460

GREASES

Description and Application

Prista® CS Complex EP 1.5 is a high performance heavy duty lubricating grease based on calcium sulfonate complex thickener system and severely hydro-treated mineral base oil of high viscosity. A unique structure of calcium sulfonate complex thickener provides very high dropping points, extraordinary inherent extreme pressure and anti-wear performance, excellent mechanical stability, good rust protection and superior water wash out and water spray off resistance.

Prista® CS Complex EP 1.5 is specially formulated for lubrication of heavily loaded bearings operating at elevated temperatures in the steel industry. It is also suitable for other heavy duty applications including mining, quarries, cement and paper industry, agriculture and forestry, construction equipment and marine applications. Suitable for lubrication in the most severe conditions: under extremely high and shock loads, elevated temperatures and in dirt and in wet environment.

The very high dropping point ensures operating temperature range from -25°C up to 180°C.

Benefits

- exceptional water resistance
- inherent extreme pressure and anti-wear performance
- extend bearing life under shock-load conditions
- excellent mechanical stability and high shear resistance
- rust and corrosion protection – protects metal parts from corrosion and rust
- excellent thermal stability – does not liquefy until > 300°C
- improved oxidation stability
- good adhesive properties
- good pumpability
- wide range of heavy duty applications

Specifications

NLGI 1.5	
ISO 6743/9	ISO-L-XBFHB
DIN 51502, DIN 51825	KP1.5R-25

Typical Characteristics

Parameter	Test Method	Typical Value
Oil type		mineral
Thickener		Calcium Sulfonate Complex
Color	Visual	Brown
Kinematic Viscosity of base oil at 40°C, mm ² /s	EN ISO 3104	460
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	295
Dropping Point, °C	ISO 2176	>305
Oil Separation - separated oil at 40°C, 42h, %	IP 121	0.5
Dynamic Rust Test (EMCOR) in distilled water	ISO 11007	0/0



Four Ball EP Wear Test - Weld Point, N	ASTM D 2596	5000
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Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.prista-oil.com