



PRISTA® CS Complex EP 2

GREASES

Description and Application

Prista® CS Complex EP 2 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 point, 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 2 is an extremely high performance, multipurpose grease, designed for heavily loaded marine, off-shore, industrial and automotive applications, especially heavy duty automotive, agriculture, forestry and highway construction machines. Suitable for a very wide temperature range and applications, from general to most severe operating conditions, under extremely high loads and even vibrations, low or high operating temperatures such as 180° C in dirt and in wet environment. Some of the general applications of this grease are lubrication of plain bearings, ball bearings, taper roller bearing, joints, couplings, bushings.

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 up to > 305°C
- improved oxidation stability
- good low temperature performance

Specifications

	NLGI 2
ISO 6743/9	ISO-L-XBFIB
DIN 51502, DIN 51825	KP2R-25
ASTM D 4950	GC-LB

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	180
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	285
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



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