ULTRA GRES CS SERIES

Calcium Sulfonate Complex Grease

Description

PO Ultra Gres CS series are greases produced by calcium sulfonate complex thickeners. This special thickener provides high resistance for extreme pressure and corrosion and protects the equipment even at highly humidified environment. It has excellent water wash out resistance characteristic.

Applications

It is recommended to use in heavy loaded and water saturated operations in paper and steelwork applications. Other suitable applications are listed below.

- Continuous casting lines
- Heavy industrial applications working under extreme pressure and temperature even with water presence
- Pot turret bearings
- Paper mills
- Rolling mill bearings

Benefits

- Performs excellent even under shock loads due to its qualified EP additives.
- Has lower bleeding point compared to standard greases with Lithium thickener.
- Highly resistant for water wash out and water spray. Thus, prevents corrosion even at highly humidified medium due to calcium sulfonate thickener and extends lubrication interval.
- Reduces maintenance costs.
- Due to its high dropping point, provides wide working temperature range. Suitable to be used up to 180 °C.

Performance

DIN 51825: K P1 (1,5) R-20 (Ultra Gres CS 146), DIN 51825 KP 2 R-20 (Ultra Gres CS-2), TS 11584

Typical Specifications*

		Ultra Gres CS 146	Ultra Gres CS 2
Thickener Type		Calcium Sulfonate Complex	Calcium Sulfonate Complex
NLGI		1.5	2
Colour		Brown	Brown
Basel Oil Viscosity, 40 °C, mm²/s	ASTM D445	460	460
Cone Penetration,25ºC	ASTM D217	295-310	265-295
Timken OK, lb	ASTM D2509	60	60
Dropping Point, °C	ASTM D566	280	280
Welding Load, kg	ASTM D2596	620	620
Rust Test	ASTM D1743	Pass	Pass
4 Ball Wear Diameter,mm	ASTM D2266	<0,4	<0,4
Water Resistance % weight	ASTM D1264	<3	<3
Oil Separation % weight	ASTM D1742	<0,3	0

*** Values shown may differ between productions.**

ULTRA GRES CS 146

ULTRA GRES CS 2

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