

# 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: KP1 (1,5) R-20 (Ultra Gres CS 146), DIN 51825: KP1 R-20 (Ultra Gres CS-2)

### Typical Specifications\*

		Ultra Gres CS 146	Ultra Gres CS 2
Thickener Type		Calcium Sulfonate Complex	Calcium Sulfonate Complex
NLGI		1.5	2
Colour		Yellow	Yellow
Basel Oil Viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D 445	460	460
Timken OK, lb	ASTM D 2509	60	60
Dropping Point, °C	ASTM D 566	→300	→300
Welding Load	ASTM D 2596	620	620
Rust Test	ASTM D 1743	Pass	Pass

\* Values shown may differ between productions.



**Petrol Ofisi**