

Product Information:

K90 CALCIUM SULPHONATE COMPLEX GREASE



Description:

K90 Calcium Sulphonate Complex Grease is a state-of-the-art product which is characterised by exceptional mechanical stability. The very high load carrying ability, excellent resistance to water, oxidation and corrosion, and outstanding performance in a wide temperature range, make it a high performance premium grease. It contains no heavy metals or other harmful or environmentally undesirable additives, such as Sulphur, Phosphorus, Chlorine, Zinc, Phenols, Antimony, Barium or Lead.

Features:

- Operates excellently on industrial equipment subject to high humidity and high temperatures
- Exceptional pressure and anti-wear performance
- Provides high levels of corrosion protection, even in the presence of water

Applications:

- Plain/rolling-element bearings
- Marine equipment
- Heavy mobile equipment
- Wire ropes
- Cables exposed to saltwater
- Paper machine
- Wet-and-dry end bearings
- Hot calendar stacks/hot roll tables
- Rolling mills
- Continuous casters
- Ingot buggies/slab mills
- Conveyors
- Gears

K90 Calcium Sulphonate Complex Grease has been developed as a high performance grease for construction plant such as bulldozers, scrapers, loading shovels and dump trucks where it will give outstanding performance. It is also recommended for use in industrial equipment operating at high temperatures or exposed to salt water.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

Performance Level:

DIN 51502: KP2R-30

ISO 12924 L-XC(F)DIB2

NLGI: GC-LB 2



Typical Properties:

NLGI Grade	2
Thickener Type	Calcium Sulphonate Complex
Texture	Buttery
Appearance	Smooth
Colour	Brown
Operating Temperature Range	-30° to 140°C (Max +180°C)
Penetration, Worked 60 Strokes	IP 2137 265-295
Density	IP 530 1000 kg/m ³
SKF R2F B at 140°C	SKF Pass
Dropping Point, min.	IP 396 >280
Four Ball Weld Load	DIN 51350:4 6500N
Water Resistance at 90°C	DIN 51807:1 I
Emcor Salt Water	ISO 11007 ≥ I-I
Water Washout, 38°C	ISO 11009 <10%
Flow Pressure at -30°C	DIN 51805 mod < 1400 mbar
Viscosity, 40°C	ASTM D 7152 200 cSt
Viscosity 100°C	ASTM D 7152 15 cSt

Part No.s: CSG400

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