



Titan 800 EP2 Grease

Description

TITAN 800 EP2 GREASE is a high-performance, extreme-duty lubricating grease based on calcium sulfonate complex thickener system and severely hydro-treated mineral base oil of ISO VG320 viscosity grade. 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.

TITAN 800 EP2 GREASE is specially formulated to meet the requirements in heavy-duty applications including mining, quarries, cement, steel 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 wet environments. The very high dropping point ensures operating temperature range from -30°C up to 180°C

Benefits

- Outstanding extreme pressure and anti-wear performance
- Excellent mechanical stability
- Superior water resistance
- Very good rust and corrosion protection
- Excellent performance at high temperatures
- Excellent oxidation stability
- Excellent adhesion properties, stay in place

Specifications

NGLI	2
ISO 6743/9	ISO-L-XCFHB 2
DIN 51502, DIN 51825	KP2R-30

Typical Characteristics

Parameter	Test Method	Typical Value
		NGLI 2
Appearance	Visual	Very Tacky, Smooth and Homogenous
Color	Visual	Green
Thickener		Calcium Sulfonate Complex
Oil type		Mineral
Kinematic Viscosity of base oil at 40°C, mm ² /s	EN ISO 3104	320
Operating Temperature Range		-30°C to 180°C
Cone Penetration, worked at 25°C, 0.1 mm	ISO 2137	265 – 295
Dropping Point, °C	ISO 6299	> 280
Rust Test	ASTM D1743	Pass
Water Washout Test at 79°C, wt.% loss	ISO 11009	<1%
Four Ball EP Test, Weld Point, kgf	ASTM D 2596	800
Four Ball Wear Test, scar diameter, mm	ASTM D 2266	0.45