



Texol Grease™ EP-WR Series

Technical Data Sheet

Texol Grease™ EP-WR Series Cable and Rope Grease

Product Description

Texol Grease™ EP-WR series are especially used for the lubrication of mechanically and thermally extreme-loaded roller and sliding bearings, wheel hubs and release bearings of couplings. It is tenacious and adheres extremely well to metal surfaces. It has excellent corrosion resistance to salt water. The inorganic-organic complex thickener helps to build a polar film that is a barrier to corrosion and provides good lubrication as illustrated by the 4-Ball EP Test. Texol Grease™ EP-WR offers longer service lives compared to mineral oil based greases. Thus, the additional lubrication intervals can be prolonged which in consequence reduces the consumption of Grease.

Applications and Uses

- Heavy-duty crane ropes, static or tow cables
- Tug tow ropes, shipboard cable cables and winch ropes
- Dragline drag and hoist ropes, drift ropes, crane cables, winch ropes and tow cables
- Extreme pressure applications
- Wet and wash-down areas
- Classification ISO-L-XCEHB 2 as per ISO/DIS 6743-9

Advantages

- Excellent thermal stability
- Optimum wear protection
- Low coefficients of friction, low temperature rise in the bearing
- Extreme structural stability
- Resistant to cold and hot water
- Long-term stability
- High corrosion protection



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Characteristics

Property (Unit)	WR-000	WR-00	WR-0	WR-1	Method
NLGI grade	000	00	0	1	DIN 51818
Base oil viscosity at 40°C	500	500	500	500	DIN 51366
Base oil viscosity at 100°C	24	24	24	24	DIN 51366
Thickener	lithium complex / MoS ²				-
Colour	black				-
Flash point °C	>220				ISO 2592
Dropping point °C	>180				ISO 2176
Behavior in the presence of water, 90 °C	0				DIN 51807/1
Oxidation stability, after 100h, hPa	<250				DIN 51808
Oxidation stability, after 300h, hPa	<400				DIN 51808
Emcor test, IP 220/67, Rating	0/0				DIN 51802
Copper corrosion, 100°C, after 24 h	1				DIN 51811
Rust Prevention properties, Rating	1				ASTM D 1743
Four ball weld point, N	6000 / 6200				DIN 51 562
Four ball test scar diameter, mm	0.60				ASTM D 2266
Four ball wear test scar diameter, mm	<0.7				DIN 51350-05-E
SRV test, 50°C, 300N, 2h Amplitude 1000µm, µ	0.07-0.08				DIN E 51834-02-S
FAG-FE 9 Test	Passed				DIN 51821-02-A
Flow pressure at -20°C, hPa	645				DIN 51805
Pour Point, °C	< -22	< -20	< -18	< -18	DIN ISO 3016
Operating temperature range, °C	-20 / + 150				-