



Texol Grease™ 3030/100 Series

Technical Data Sheet

Texol Grease™ 3030/100 Series
Bearing grease with TFAS®

Product Description

Texol Grease 3030/100 series with TFAS® was designed for normal service and can be used as multipurpose grease, especially for fast moving bearings. TFAS® is an additive package designed to reduce friction while providing surface protection and improvement.

Texol Grease 3030/100 greases are special lubricating greases on a mineral hydrocarbon base. They also contain special lithium soap and the TFAS® additive package provides protection in the boundary friction regime, thus preventing tribo-corrosion. Texol Grease 3030/100 greases have the capacity to absorb high pressures, and they have good anti-corrosion properties.

Applications and Uses

Texol Grease 3030/100 greases are particularly suitable for medium to fast-speed Rolling bearings, and for swivel movements and vibrations.

They can be used in friction points subject to micro-sliding movements, especially in serrated teeth elements, spline shafts, sliding components and plain bearings. They are also generally suitable for all machine elements potentially subject to tribo-corrosion.

Advantages

- Excellent thermal stability
- Optimum wear protection
- Low coefficients of friction, low temperature rise in the bearing
- Extreme structural stability
- Excellent sealing from hazardous environments including dust, water and water vapor
- Long-term stability
- High corrosion protection
- Protection against tribo-corrosion
- Good pressure absorption capacity
- Good pumpability
- Free from solid particles



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Characteristics

Property (Unit)	000	00	0	1	2	Method
NLGI grade	00	0	0	1	2	DIN 51818
Base oil viscosity at 40°C	100	100	100	100	100	DIN 51366
Base oil viscosity at 100°C	10	10	10	10	10	DIN 51366
Thickener	lithium soap					-
Colour	yellow					-
Flash point °C	>230					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	4000 / 4200					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	< -35	< -33	< -32	< -30	< -28	DIN ISO 3016
Operating temperature range, °C	-30 / + 150					-