



Texando[®] FO 20

Proven performance wide temperature calcium complex grease

Product description

Texando FO 20 is a proven performance calcium complex grease, formulated with highly refined solvent neutral base oils and is suitable for use in plain and roller bearings across a wide temperature range.

Texando FO 20 is a multipurpose grease, formulated to promote robust oxidation stability performance, assist load carrying capability and contribute to the grease's anti-corrosion properties.

Customer benefits

- Contributes to good load carrying performance
- Assists water resistance
- Good pumpability characteristics
- Aids good sealing properties
- Promotes reliable corrosion protection
- Aids oxidation resistance
- Multi-purpose grease
- Nitrite free

Product highlights

- **Helps improve load carrying performance**
- **Assists water resistance**
- **Good pumpability characteristics**
- **Aids good sealing properties**

Selected specification standards include:

Alsen Breitenburg	Black&Decker
DIN	FAG
Ford	ISO
Voest-Alpine	

Applications

- Texando FO 20 is primarily applied in the lubrication of machines and aggregates under high thermal stress:
 - It performs well in the cement industry in the lubrication of shaft bearings on Lepol kilns
 - In the iron and steel industry it is used for the lubrication of step bearings on rotary kilns, in the plain and anti-friction bearings of blowers, and cranes
 - In steel and rolling mills it is used for the lubrication of roller bearings on mill trains and continuous casting units
 - In the rubber and plastics industries it is used for the lubrication of calendars, heating presses and extruders
 - In laundries it is used for the lubrication of washing machines and ironing machines
- Texando FO 20 can be used in a variety of applications as so-called universal greases, both for high-temperature lubrication and for lubrication at normal operating temperatures. This offers financial advantages because of the reduced number of grease grades which have to be on hand
- Texando FO 20 provides good pumpability and is especially suited for applications in centralised lubricating systems employed increasingly in the above-mentioned industries, across a wide operating temperature range from –30°C to +150°C
- Texando FO 20 provides smooth operation of machines and aggregates. In this application, a sustained maximum usable temperature of +150°C must not be exceeded. At temperatures in excess of this, automatic re-lubrication must be ensured

Approvals, performance and recommendations

Approvals

- Approved by Voest-Alpine, continuous casting.
- Ford G-MC001-4505
- Black&Decker (home working machines)
- Alsen Breitenburg (cement mill)
- FAG (special high temperatures)

Performance

	DIN 51 502	ISO 6743-09	Operating temperature
Texando FO 20	KP 2N-30	ISO-L-XCDEB2	-30 °C up to 150 °C

Typical test data		
Test	Test methods	Results
Viscosity Grade		20
Product Code		024352
NLGI grade	DIN 51 818	2
Thickener type	-	Calcium Complex
Colour	-	Light Brown
Penetration worked, 60x, mm/10	DIN ISO 2137	265-295
Dropping Point, °C	DIN ISO 2176	280
Base oil viscosity at 40°C, mm ² /s	DIN 51 562	110
Emcor corrosion test	DIN 51 802	0/0
Copper Corrosion 24hrs at 100°C	DIN 51 811	1B
Four Ball weld point, N	-	2200

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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