Product Information

TUNGEAR 680

Mineral-oil based high-performance gearbox oils with OMC2 technology for reliable, long-term lubrication.

Benefits

- ✔ Reliable operation due to high level of protection against seizing (LS ≥ 14) and micro-pitting (GFT agent)
- ✔ Increases energy efficiency and lowers operating temperatures with special TUNAP OMC2 additive technology to reduce friction
- ✔ OMC2 technology offers an especially high level of wear protection, thus extending component life

Properties

- ✔ Smoothing or preventing pitting and other gear damage thanks to special OMC2 technology
- ✔ Ideal for run-in lubrication
- ✔ Reduces friction and wear
- ✔ Extended service life
- ✔ Excellent corrosion protection
- ✔ Does not foam

Application area

- ✔ For industrial gearboxes of all kinds
- ✔ For high loads and for long-term lubrication
- ✔ For gearboxes with large sliding contact area, high surface pressure and in the event of shock loads
- ✔ Straight, bevel and herringbone gears, hypoid gears, worm gears, chain gears, variable gears, clutches, roller and slide bearings
- ✔ Gears in extruders, mills, cement plants, lifts and other drive units
- ✔ For extending the service life of already damaged gears
- ✔ Cannot be used in synchromesh gearboxes or friction drive gearboxes

Instructions

Gearbox oils in the TUNGEAR range must be used in accordance with the requirements of the gear and/or system manufacturer. TUNGEAR can be mixed with standard mineral oil-based gearbox oils. The maximum performance of TUNGEAR is only achieved when used unmixed.

Product Description	Contents	Weight of content	Gross weight	Article Number	Packaging Unit
TUNGEAR 680	200 l	181 kg	199 kg	11ACI19006L2000	1 PCS

The information provided here is based on our general technical experience and knowledge related to printing. All specifications are guidelines based on product design, the specified use and mechanical and systems engineering. But the information does not represent any pledge about features or any assurance about the product's suitability for use in a particular case. The user is not released from the responsibility of testing the product.
Depending on the mechanical, dynamic, chemical and thermal stresses to which they are subjected, lubricants alter their technical values on a pressure- and time-dependent basis. The changes can have an impact on the function in the application.
TUNAP products are continuously refined. We reserve the right to change all technical data in this document at any time and without any prior notification. Obligations of any kind are in no way implied.

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Technical Product Data	TUNGEAR 680
Density/conditions	0.9075 g/cm³ / at 20°C
Colour spectrum	Green Brown
Oil basis	Mineral oil
Kinematic viscosity / condition	680 mm²/s / at 40°C
Viscosity index/conditions	100 / nach DIN ISO 2909
Viscosity grade/conditions	ISO VG 680 / in accordance with DIN ISO 3448
Rating copper corrosion/conditions	1-100 / after 24h at 100°C, nach DIN 51811
Scuffing test (FZG)/conditions	12 / in accordance with DIN ISO 14635-1
Min. flashing point /conditions	220 / in accordance with ISO 2592
Pour point	-10 °C
Min./max. temperature conditions	-20 to 100 °C

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