



## 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  $\geq$  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	11AC19006L2000	1 PCS

Technical Product Data	TUNGEAR 680
Density/conditions	0.9075 g/cm <sup>3</sup> / at 20°C
Colour spectrum	Green Brown
Oil basis	Mineral oil
Kinematic viscosity / condition	680 mm <sup>2</sup> /s / at 40°C
Viscosity index/conditions	98 / in accordance with 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