



Product Data

Tribol™ GR HT 2

High-temperature grease for long-term lubrication

Description

Castrol Tribol™ GR HT 2 (previously called Optitemp™ HT 2) is high performance grease for long-term lubrication of rolling and sliding bearings at high operating temperatures as well as at normal or medium bearing pressures. Tribol GR HT 2 is light-colored.

Application

- For thermally loaded rolling and sliding bearings such as fan bearings in the textile, wood, plastics and food industries as well as in stove furnaces of the automotive industry
- For steam-heated calender or drying cylinder bearings
- As sealing grease for labyrinth seals at high temperatures
- For the application in slightly acidic or alkaline atmospheres

Advantages

- optimum wear protection in the high load range
- extremely good load bearing capacity
- especially aging and temperature-resistant
- structurally stable
- resistant to cold and hot water, limited resistance to alkalis and acids
- excellent corrosion protection
- pumpable in central lubrication systems
- temperature application range: -20 °C/-4 °F to +160 °C/+320 °F. In case of life-lubricated bearings the temperature of +150 °C/+302 °F under normal conditions should not be exceeded. Short-term operation at higher temperatures is possible - please consult our Technical Service.

Typical Characteristics

Name	Method	Unit	Tribol GR HT 2
Color	Visual	-	Brown
Base	-	-	Inorganic Thickener
Consistency/NLGI	DIN 51818	-	2
Base oil viscosity @ 40 °C	ISO 3104/ASTM 445	mm ² /s	500
Worked penetration PW 60	ASTM D217/DIN ISO 2137	0.1 mm	265 - 295
Difference: PW 100.000 - PW 60	-	0.1 mm	50
Dropping point	DIN ISO 2176	°C/°F	none
Water resistance at +90 °C/+194 °F	DIN 51807 T.1	-	0
Corrosion Protection (SKF Emcor)	DIN 51802	-	0
Oxidation resistance at 100 h/100 °C/212 °F, Pressure drop	DIN 51808	bar	0.4
Four Ball o.k Load	DIN 51350 T4	N	1800

Subject to usual manufacturing tolerances

Additional Information

Please follow the bearing manufacturer's specifications.

Do not mix Tribol GR HT 2 with other lubricating greases. In case of doubt please consult the Technical Service.

Thoroughly clean bearings before introducing the initial fill.

Fill bearing housing only about half-full with Tribol GR HT 2

This product was previously called Optitemp HT 2. The name was changed in 2015

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