

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, also in stove furnaces found in 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
- Excellent aging and temperature-resistant properties
- 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 |
|---|----------------|-------|---------------------|
| Colour | Visual | - | Yellow |
| Base | - | - | Inorganic Thickener |
| Consistency / NLGI | DIN 51818 | - | 2 |
| Worked penetration Pw 60 | DIN ISO 2137 | 0.1mm | 265-295 |
| Difference: Pw 100,00 - Pw 60 | - | 0.1mm | 50 |
| Dropping point | DIN ISO 2176 | °C/°F | none |
| Water resistance at +90°C/ +194°F | DIN 51807 T. 1 | - | 0 |
| Corrosion Protection (SKF Emscor) | DIN 51802 | - | 0 |
| Oxidation resistance at 100h / 100°C / 212°F, Pressure drop | DIN 51808 | bar | 0.4 |
| Four Ball o.k Load | DIN 51350 | 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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Castrol (UK) Limited, PO BOX 352, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW
Orders/Enquiries: 0345 9645111 Technical Enquiries: 0345 082 1719
www.castrol.com/industrial