Product Data Sheet

# Tribol™ GR XT 2 HT

Synthetic high temperature grease

## Description

Castrol Tribol™ GR XT 2 HT (previously called Firetemp™ XT 2) is a high temperature polyurea thickened grease enhanced with Extreme Pressure (EP) additives as well as corrosion and oxidation inhibitors to provide a grease with outstanding lubricating properties. The fully synthetic, thermally stable structure enables long re-lubrication intervals at maximum operational reliability.

## Application

Tribol GR XT 2 HT is designed for rolling and sliding bearings at normal to medium peripheral speeds, and high operating temperatures in applications such as:

- Heated bearings of dry calenders and dry cylinders
- Fan bearings
- Conveyor systems in paint lines
- Autoclaves
- Baking ovens
- Continuous-flow drying ovens

Temperature application range: -25°C/-13°F to +180°C/+356°F. Short-term operation at higher temperatures is possible. Please contact your Castrol Technical Services team for further information.

## Advantages

- Outstanding oxidation and thermal stability – provides reliable performance and good lubricant life in severe applications
- Resistant to cold and hot water – the grease film remains on the surface, even in the presence of water
- Easily pumpable in central lubrication systems
- Excellent wear protection – leading to longer bearing life, extended lubrication cycles and helping ensure uninterrupted service in your machinery

## Typical Characteristics

| Name | Test Method | Unit | GR XT 2 HT |
|---|---|---|---|
| Appearance | Visual | - | Red |
| Thickener type | - | - | Polyurea |
| Base oil | - | - | PAO |
| Consistency | ISO 2137/ASTM D217 | NLGI Grade | 2 |
| Density @ 20 °C/68 °F | IP 530 | kg/m³ | 900 |
| Worked Penetration (60 strokes @ 25 °C/77 °F) | ISO 2137/ASTM D217 | 0.1 mm | 265 - 295 |
| Dropping point | ISO 2176/ASTM D566 | °C/°F | 280/536 |
| Base Oil Viscosity @ 40 °C/104 °F | ISO 3104/ASTM D445 | mm²/s | 270 |
| Rust test - Emcor - distilled water | ISO 11007/ASTM D6138 | Rating | 0/0 |
| Copper Corrosion (24 hrs,100 °C/212 °F) | ASTM D4048 | Rating | 1b |
| Water Resistance | DIN 51807-1 | Rating | 1 - 90 |
| Oil Separation (168 hrs @ 40 °C/104 °F) | IP 121/DIN 51817 | %wt | 2.5 |
| Flow pressure @ -20 °C/-4 °F | DIN 51805 | hPa | 400 |
| FE 9@ 180 °C (B/1500/6000-180) F 50 | DIN 51821-02 | Report | Pass |
| SRV Friction and Wear test (400N/ 2 hrs/50 °C) | ASTM D5707 | coeff. of friction/wear scar diam (mm) | 0.1/0.45 |

Subject to usual manufacturing tolerances.

## Additional Information

Please follow the bearing manufacturers' specifications.

Tribol GR XT 2 HT should not be mixed with other greases or oils. Please contact your Castrol Technical Services team for further information.

**This product was previously called Firetemp XT 2. The name was changed in 2015.**


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