



Product Data

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/m ³	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	mm ² /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	%w t	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/w ear 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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