



Product Data

Castrol Firetemp[®] XT2

Castrol[®] Firetemp XT2 is a high temperature grease for rolling and sliding bearings at normal to medium peripheral speeds and high operating temperatures. The fully synthetic, thermally stable structure guarantees long re-lubrication intervals at maximum operational reliability.

Applications

- 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 consult PLD Divisional Engineering.

Advantages

- High thermal stability.
- Excellent corrosion protection.
- Resistant to cold and hot water.
- Silicone-free.
- Structurally stable.
- Good pumpability in central lubrication systems.
- Optimum wear protection.



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Typical Characteristics

Characteristic	Unit	Value	Test Method
Color		Reddish	Visual
Base		Polyurea/PAO	
Consistency/NLGI Grade		2	
Worked Penetration Pw60	0.1 mm	265-295	ASTM D – 217
Density at 20°C/68°F	g/cm ³	0.888	ASTM D-1298
Base oil Viscosity at 40°C/104°F	mm ² /s	270	ASTM D-445
Dropping Point, °C/°F		275/527	ASTM D-2265
Water resistance at +90°C/+194°F		0	DIN 51807 T.1
Corrosion Protection (SKF Emcor)		0	DIN 51802
Copper Corrosion protection at +100°C/+212°F		0	DIN 51811
Oil Separation at +40°C/+104°F/168h	Weight %	3.7	DIN 51817
Flow pressure at -20°C/-4°F	Mbar	200	DIN 51805
SRV® Test Run – Test Mode 5ae: Coefficient of friction		0.100	
Wear ball/scarØ	Mm	0.52	DIN E 51834
b) Profile depth Pt	µm	0.7	
FAG – FE 9 test Procedure B/1500/6000-180 L ₅₀ – Service Life	H	266	DIN 51821 T 2

For further product information, please contact Divisional Engineering.

Subject to usual manufacturing tolerances.

All reasonable care has been taken to ensure that this information is accurate as of the date of printing. Nevertheless, such information may be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.