



## Product Data

# CASTROL FIRETEMP XT 2

Synthetic high temperature grease

### **DESCRIPTION**

CASTROL FIRETEMP XT 2 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 relubrication 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 our Technical Service.

### **ADVANTAGES**

- OPTITEC® - CASTROL OPTIMOL technology
- high thermal stability
- excellent corrosion protection
- resistant to cold and hot water
- silicone-free
- structurally stable
- easily conveyable in central lubrication systems
- optimum wear protection

### **NOTES FOR USE**

- Please follow the bearing manufacturers' specifications.
- Do not mix CASTROL FIRETEMP XT 2 with other lubricating greases. In case of doubt please consult the Technical Service.
- Grease rolling bearing, fill rolling bearing housing only about half-full with grease. In case of relubrication pump grease into the bearing until fresh grease vents (easy identification due to reddish color).
- Higher temperatures are possible for short-term applications. Please contact our application engineers for more information.

Firetemp XT 2  
07/05/2004

All reasonable care has been taken to ensure that the information contained in this publication is accurate at the date of printing. It should be noted however that the information may be effected by changes subsequent to the date of printing in the blend formulation or methods of application of any of the products referred to or in the requirements of any specification approval relating to any such Products



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## Product Data

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### Technical data

	Unit	Value	Test method
<b>CASTROL FIRETEMP XT</b>	-	<b>2</b>	-
Color	-	reddish	visual
Base	-	polyurea/PAO	-
Consistency/NLGI grade	-	2	DIN 51818
Worked penetration Pw 60	0.1 mm	280 - 295	DIN ISO 2137
Density at + 20°C/ + 68°F	kg/m <sup>3</sup>	888	DIN 51757
Base oil viscosity at + 40°C/+ 104°F	mm <sup>2</sup> /s	270	DIN 51562
Dropping point	°C °F	276 529	DIN ISO 2176
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/168 h	weight %	2.3	DIN 51817
Flow pressure at - 20°C/- 4°F	hPa	340	DIN 51805
SRV <sup>®</sup> test run - test mode 5ae: coefficient of friction	-	0.100	DIN E 51834
wear			
a) ball/scar Ø	mm	0.52	
b) profile depth Pt	µm	0.7	
FAG - FE 9 test Procedure B/1500/6000-180 L <sub>50</sub> - Service life	h	266	DIN 51821 T. 2

1 mm<sup>2</sup>/s  $\hat{=}$  1cSt

These technical data are based on average test results. Minor deviations may occur from case to case. For further product information please contact the Technical Service or Castrol Industrie GmbH – Performance Lubrication.

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