



## Product Data

# CASTROL VISCOTEMP 1 + 2

Fully synthetic high temperature greases for long-term lubrication

### **DESCRIPTION**

CASTROL VISCOTEMP 1 + 2 are fully synthetic high temperature greases for lubrication points constantly exposed to extremely high temperatures. They ensure long-term lubrication of sliding and rolling bearings and other greasing points at high operating temperatures, elevated bearing pressures and aggressive ambient conditions.

### **APPLICATIONS**

- For rolling and sliding bearings as well as grease-lubricated sliding surfaces in the high temperature range
- For fan bearings in hot air streams
- For calender bearings, baking plants and continuous-flow driers
- In overhead conveyors of painting lines subjected to chemicals
- For applications with exposure of hot and cold water as well as steam
- Temperature application range: - 20°C/- 4°F to + 220°C/+ 428°F

### **ADVANTAGES**

- OPTITEC® - CASTROL technology
- extremely temperature-stable
- resistant to hot and cold water
- resistant to aggressive ambient influences
- high protection against friction and wear
- excellent load bearing capacity
- reliable corrosion protection
- silicone-free

### **NOTES FOR USE**

- Please follow the specifications of the rolling bearing manufacturers.
- Do not mix with other lubricating greases. In case of doubt please contact the Technical Service.
- Thoroughly clean the bearings before introducing the first fill.
- Fill bearing housing only about half full with CASTROL VISCOTEMP 1 or 2.
- Higher temperatures are possible for short-term applications. Please consult our engineers

Viscotemp  
10/05/2004

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
		1	2	
<b>CASTROL VISCOTEMP</b>	-	<b>1</b>	<b>2</b>	-
Color	-	White yellowish		visual
Base	-	organic thickener/PAO ester		-
Consistency/NLGI grade	-	1	2	DIN 51818
Worked penetration Pw 60	0.1 mm	310 - 340	265 - 295	DIN ISO 2137
Difference: Pw 100.000 - Pw 60	0.1 mm	11	17	-
Density at + 20°C/ + 68°F	kg/m <sup>3</sup>	968	1035	DIN 51757
Base oil viscosity +40°C/+ 104°F	mm <sup>2</sup> /s	121.8	122.8	DIN 51562
Dropping point	°C	> 300	> 300	DIN ISO 2176
	°F	> 572°F	> 572°F	
Water resistance at + 90°C/ + 194°F	-	0	0	DIN 51807 T. 1
Flow pressure at - 20°C/+ 4°F - 30°C/- 22°F	hPa	-	300	DIN 51805
		252	-	

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.

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