



Molub-Alloy 9990 HT

High temperature grease

Description

Castrol Molub-Alloy™ 9990 HT is a synthetic roller bearing grease designed for the lubrication of bearings in conveyor lines at very high temperatures. It is particularly suitable for applications in enamel drying stoves, textile stretchers or similar applications where low lubricant consumption and non-dripping lubrication is essential. Cleanliness in operation is provided for and lubrication intervals will be reduced to a minimum.

Application

- Particularly adapted to the lubrication of bearings in enamel drying stoves.
- Temperature range: - 20 °C up to + 200 °C, even up to 220 °C for a short time

Advantages

- Ageing stability at high temperatures.
- Good thermal stability.
- Good stability against chemical influences.
- Good stability against aggressive ambient conditions as dust, water, vapours, etc.
- Low evaporation at high temperatures.
- Minimal consumption, economic application and clean service conditions.

Typical Characteristics

Name	Method	Units	Molub-Alloy 9990 HT
Colour	Visual	-	Beige
Worked Penetration (60 strokes @ 25°C / 77°F)	ISO 2137 / ASTM D217	0.1 mm	265 - 295
Worked Penetration (100,000 strokes @ 25°C / 77°F) - change from 60 strokes	ISO 2137 / ASTM D217	0.1 mm	30
Density @ 15°C / 59°F	ASTM D4052	kg/m ³	1130
Thickener type	-	-	Polyurea
Base Oil Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	250
Base Oil Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm ² /s	25
Dropping Point	ISO 2176 / ASTM D566	°C/°F	>240/>464
Oil Separation (168 hrs @ 40°C / 104°F)	IP 121 / DIN 51817	%wt	0.5
Oil Separation (24 hrs @ 200°C / 392°F)	IP 121 / DIN 51817	%wt	4.0

Additional Information

- Castrol Molub-Alloy™ 9990 HT can be applied manually or by means of automatic dispensing systems.
- The upper application temperature limit depends to a large extent on the respective relubrication frequency. The dimensioning of this frequency may vary according to the respective application.

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01 May 2012

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