Product Data

Molub-Alloy 100-2 HT

Fully Synthetic High Temperature Grease for Long Term Lubrication

Description

MOLUB-ALLOY™ 100-2 HT (previously named Viscotemp™ 2) is a fully synthetic high temperature grease for lubrication points constantly exposed to extremely high temperatures. It ensures long-term lubrication of sliding and rolling bearings and other greasing points at high operating temperatures, elevated bearing pressures and aggressive ambient conditions.

Application

- 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.

Conditions of 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 MOLUB-ALLOY 100-2 HT.
- Higher temperatures are possible for short-term applications. Please consult our engineers.

Advantages

- 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

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Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

Typical Characteristics

Name	Method	Units	Molub-Alloy 100-2 HT
Colour	Visual / ASTM D1500	-	White Yellow ish
Base oil	-	-	PAO/ Ester
Thickner type	-	-	Organic Thickener
Density @ 20°C / 68°F	Inhouse method	kg/m³	1060
Base Oil Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm²/s	120
Dropping Point	ASTM D566 / ISO 2176	°C/°F	>300/>572
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217 / ISO 2137	0.1 mm	265-295
Worked Penetration (100,000 strokes @ 25°C / 77°F) - change from 60 strokes	ASTM D217 / ISO 2137	0.1 mm	15
Water Resistance	DIN 51807-1	Rating	0

This product was previously named Viscotemp 2. The name was changed in 2015.

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