Optimol

Performance Lubricants

VISCOTEMP 1 &2

Product Data Sheet

OPTIMOL VISCOTEMP 1 and 2 - white, fully synthetic, high-performance lubricating greases for lubrication points constantly exposed to extremely high temperatures.

Particularly temperature and aging-resistant base materials in combination with specially blended high-pressure additives provide extraordinary performance under most severe conditions.

OPTIMOL VISCOTEMP 1 and 2 allow long-term lubrication of plain and antifriction bearings and all other grease-lubricated surfaces subjected to high loads, elevated operating temperatures and aggressive environments.

FEATURES

- temperature application range: -20°C/-4°F to +220°C/+428°F
- short-term operation above +250°C/ +482°F is possible
- outstanding friction and wear protection
- high load carrying ability
- reliable corrosion protection
- resistant to cold and hot water and chemicals
- largely physiologically safe
- silicone-free
- USDA-H2 approval

USES

- Antifriction and plain bearings and grease-lubricated sliding surfaces at high temperatures.
- Lubrication of trolley bearings in overhead conveyors in painting lines, etc.
- Calender bearings, baking plants, continuous-flow driers, fan bearings in hot air streams.
- Influence of cold or hot water.
- Exposure to water vapor or steam.
- According to USDA-H2 this product can be used in the food and beverage industries where there is no possibility of food contact.

APPLICATION

Specifications of antifriction bearing manufacturers should be followed.

Maximum performance only if applied unmixed.

OPTIMOL VISCOTEMP greases allow product consolidation of previously used high temperature

Consult with Castrol's Performance Lubricants Division if mixing with other greases is necessary.

Please See Reverse Side for Typical Properties

TYPICAL PROPERTIES **OPTIMOL VISCOTEMP**

	1	2
Color	Light Colored	
Base	Organic thickener	
Base oil	Synthetic oil – free of mineral oil	
Viscosity of base oil, DIN 51562 mm^2/s @ 50°C, (E)	120 15	120 15
Dropping Point, DIN 51801	0°C	0°C
Worked Penetration, DIN 51804, 0.1mm	310-340	265-295
Worked stability, DIN 51804, Pw100,000, 0.1 mm	20-40	20-40

Subject to usual manufacturing tolerance

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