

MOL-POLYTEMP SY

Product Description:

MOL-POLYTEMP SY is a fully synthetic polyurea grease showing long life lubrication performance under high temperatures. It is formulated with high viscosity synthetic PAO (polyalpha olefin) base stocks and specific functional additives. Owing to a special polyurea thickener, it does not leave any soots or residues in bearings avoiding the blockage of the lubrication systems. It has a very adhesive and tacky structure making it resistant to water both under static and dynamic loads.

Properties:

- No residue formation under high temperatures.
- Good anti-corrosion and load carrying properties.
- Outstanding resistance to oxidation.
- Reduction of lubricant costs due to lower consumption.
- Excellent mechanical stability even in presence of plenty of water.
- Easy pumpability by centralized automatic lubrication systems.
- Shows sealing effect under hot and wet environment.
- Guarantees low wear at high temperatures.

Applications:

MOL-POLYTEMP SY is suitable for use in the steel, iron and metallurgical industries (automatic grease lubrication of continuous casting rolls), in paper industry (continuous paper machines, hot cylinder beds), cement industry (rotary kilns), as well as glass production, annealing & drying furnaces, asphalt plants, foundry cranes, automotive parts, cardboard production (hot rolls), ceramic industry, etc. Its application temperature range is from -30°C to +180°C (up to 200°C in short term).

Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 3 years

Packing Available in:

- 16 KG
- 175 KG

Physical and Chemical Conditions:

MOL-POLYTEMP SY	Method	Value
Appearance	Visual	Beign, homogeneous
Thickener Type	-	Polyurea
Base Oil Viscosity @ 40°C, cSt	ASTM D 445	460
Worked Penetration (1/10 mm)	ASTM D 217	265-295
NLGI No	-	2
Dropping Point, °C	ASTM D 2265	>250
Bearing Rust @ 52°C	ASTM D 1743	Passes
Copper corrosion Test @ 24 hours, 100 °C	ASTM D 130	1 a

MOLLUBE