

GREASE POLY HT MS 2

Product code: 264906501

Semi synthetic based polyurea grease

This product is a polyurea soap thickened grease with semi synthetic oil base stock. Long life organic soap thickened greases with highly refined mineral oil and additive package to provide superior anti wear, EP and high antioxidant and anticorrosive capacity. Provides outstanding performance in the lubrication of bearings and mechanisms exposed to the combined action of high temperatures, heavy loads and water.

Thanks to the fact that these greases do not contain any metallic soap, the resistance to oxidation and aging is much better compared with the conventional commonly used greases formulated with complex or simple soaps.

These greases are intended for the lubrication of mechanisms in severe operating conditions, such as the lubrication of steel continuous casting with the combined action of:

- High service temperature
- High ferro static pressures
- Big quantity of cooling water
- High contamination with metallic oxides, hard particles and strips
- Long centralized systems

Benefits & Advantages

- High mechanic work stability
- Thermally stable
- Peak temperature of 220 °C
- Excellent water wash-out properties
- Excellent sealing capacity
- Wide range of working temperatures
- Long life lubrication
- Reduction of lubrication intervals and maintenance costs
- Superb pumpability

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Typical Performance Data

Typical	Test Method	Value
Colour		Brown
Thickener		Polyurea
Base oil type		Semi-synthetic
Base oil viscosity @ 40 °C, cSt		400
NLGI consistency		1,5
Worked penetration 60 W, x 0,1 mm		310-340
Drop point, °C		>240
Copper corrosion, 24 h/100 °C		1b
Evaporation loss <ul style="list-style-type: none"> • 22 h/100 °C, % • 22 h/150 °C, % 		<0,5 <2
4-ball wear test <ul style="list-style-type: none"> • Welding load, kg • Wear scar diameter 1'/80 kg, mm 		>400 <0,5
Service temperatures, °C		-20 – 160

All performance data on this Technical Data Sheet are indicative only and can vary during production.