

GREASE-PLUS POLY-MO XT 1

GREASES

324906301



HIGH EFFICIENCY ORGANIC THICKENED LUBRICATING GREASE WITH HIGH VISCOSITY BASE OIL

This advanced lubricating grease incorporates a high viscosity base oil and new technology to achieve high efficiency. It is composed of a long-lasting organic thickener, along with a highly refined mineral oil and an additive package designed to offer exceptional anti-wear and EP properties, as well as high levels of antioxidant and anticorrosive protection. The grease is ideal for bearing lubrication, as well as for use in mechanisms that are subject to the combined effects of high temperatures, heavy loads, and water. This product is designed for the lubrication of mechanisms that operate in harsh conditions, particularly in environments like continuous casting bearings that experience high service temperatures and pressures, large amounts of cooling water, and high levels of contaminants.

CATEGORY

- Greases

BENEFITS

- Superior behaviour and stability to high temperatures
- High mechanic work stability
- Low consistency variation with temperatures increase
- Very good resistance to water and water wash-out
- Excellent sealing capacity to avoid contamination
- Very good flow characteristics in a wide temperatures range.
- Long life
- Excellent pumpability
- Long line centralized lubrication pumpability

PROPERTY	METHOD	VALUE
Colour		Brown
Thickener		Polyurea
Base oil		Mineral
Base oil viscosity @ 40 °C, mm ² /s		460
Normal penetration		310-340
Dynamic viscosity @ 25 °C, mPas		
Dropping point, °C		>220
Oil separation @ 18h/40 °C, %		2
EMCOR corrosion test -	Distilled water	1
EMCOR corrosion test - Salt water		2
Oxidation stability 100 h/100 °C, bar		0.25
Copper corrosion 24h @ 100 °C		1b
4-ball wear test, scar diameter 1h/40 kg, mm		0.55
4-ball wear test, scar diameter 1min/80 kg, mm		0.45
Water washout, 80 °C, %		
Working temperature, °C		-20 - 150

All data on this technical data sheet is indicative only

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