



Grease Poly HT Extra

High efficiency organic thickened lubricating grease with high viscosity base oil

Description

New technology high efficiency lubricating grease with a high viscosity base oil. Grease Poly HT Extra is formulated with a long life organic thickener, highly refined mineral oil and additive package to provide superior anti wear, EP properties and high antioxidant and anticorrosive capacity. The grease is perfectly suitable for bearing lubrication and for mechanisms exposed to the combined action of high temperatures, heavy loads and water action.

Applications

Grease Poly HT Extra is specially intended for the lubrication of mechanisms operating in severe conditions, more specifically in conditions such as those found in continuous casting bearings which are operating under high service

temperature and pressures and where big quantities of cooling water and contaminating materials are present.

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

Typical performance data

	Extra 1	Extra 2
Colour	Brown	
Thickener	Polyurea	
Base oil	Mineral	
Base oil viscosity @ 40 °C, cSt	460	
Normal penetration	310-340	265-295
Dynamic viscosity @ 25 °C, mPas	-	5000-6000
Dropping point, °C	>220	>240
Oil separation @ 18h/40 °C, %	2	1,7
EMCOR corrosion test		
• Distilled water	1	0
• Salt water	2	2
Oxidation stability 100 h/100 °C, bar	0,25	0,25
Copper strip corrosion @ 24 h/100 °C	1b	1b
4-ball wear test, scar diameter 1h/40 kg, mm	0,55	0,40
Water washout, 80 °C, %	n/a	<3
Working temperature, °C	-20 – 150	-20 – 150

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

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