



Grease Poly HT 2-XS

High efficiency organic thickened lubricating grease with HVI synthetic base oil

Description

Grease Poly HT 2-XS is a new high performance multipurpose lubricating grease intended for operating in a wide temperature range from -50 up to 180 °C continuous temperature and 220 °C peak temperature.

The product is formulated with innovative organic thickeners provided with high chemical and thermal stability together with high viscosity index synthetic oils showing outstanding lubricating capacity and resistance to aging.

Applications

- Bearing operated with medium and high speed
- Electrical motor bearings
- Fan bearings, exhausters, pumps
- Bearing of oven wagons
- Bearings and drives in cooling systems
- Bearings of drying tunnels
- Bearings in conveyor belts
- Bearing and bolts in chains operated under strong temperatures variations
- Plain bearings and joints in plastic-plastic and plastic to metal contact
- Lubrication of wire guides, plastic bearings and slides

Typical performance data

Colour	Beige
Thickener	Urea compound
Base oil nature	Synthetic
Base oil viscosity @ 40 °C, cSt	460
Drop point, °C	>250
Oil separation, 18h/40 °C, %	1
NLGI class	2
Penetration @ 25 °C, x 0,1 mm	255-295
Worked penetration 60W, x 0,1 mm	280- 320
Specific gravity @ 25 °C, g/c	0,875
Oil separation 30 h / 100 °C, %	1
EMCOR corrosion test	1
Copper corrosion 24h/100 °C	1b
Water resistance, 3 h / 90 °C	0
Oxidation stability, 100 h / 100 °C, bar	0,1
4-ball wear test	
• Welding load, kg	180
• Wear scar diameter 1'/80 kg, mm	0,70
Service temperatures	-50 – 180

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

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