



POLYGREASE

SYNTHETIC POLYUREA GREASE EXTREME PRESSURE FOR LOW TEMPERATURES



RANGE OF GREASES

NLGI 2
POLYUREA
SEVERE CONDITION
LOW TEMPERATURES

Grade
2

-40°C/+180°C

APPLICATIONS

Speed : high
Load : high

Extreme-pressure level



APPLICATIONS

POLYGREASE is a high-technology grease made from a polyurea thickener, an entirely synthetic base oil and selected additives intended for very long-term lubrication where severe conditions of use are met

POLYGREASE is particularly recommended for lubricating all types of equipment working at very low or high temperature for long-term service.

POLYGREASE is suitable for lubricating electric motor bearings, fans, blowers, conveyors etc.

Avoid mixing with other greases that are not particularly compatible, such as greases containing Lithium, Calcium, Lithium Calcium, Complex Aluminium or Complex Lithium soaps, and particularly greases without soap such as Bentone.

BENEFITS

- Very high resistance to oxidation, thanks to its excellent thermal stability
- High mechanical stability, even in the presence of water
- Superior extreme-pressure and anti-wear properties
- Good anti-corrosion and anti-rust protection
- Exceptional service life at high temperatures enables lubrication intervals to be increased
- Low starting torque, even at very low temperatures
- Contains no lead or heavy metal known to be harmful to human health or the environment.

PERFORMANCES

PERFORMANCE LEVELS

ISO 6743-9 : L-XDFEB 2
DIN 51 502 : KP2R-40



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Type of thickener	-	-	Polyurea
Colour	-	Visual	Pale yellow
Appearance	-	Visual	Smooth
Consistency	NLGI grade	NF T 60506	2
Penetrability at 25°C after 60 impacts	1/10 mm	NF T 60132	280
Penetrability at 25°C after 100 000 impacts	1/10 mm	NF T 60132	290
Drop point	°C	NF T 60102	240
Viscosity of base oil at 40°C	mm ² /s	NF T 60100	100
Copper corrosion 24 h at 100°C	Quotation	ASTM D 4048	1 b
Four-ball weld load	kg	ASTM D 2596	≥ 315
Four-ball load wear index (1h/40 kg)	mm	ASTM D 2266	0,4
Bearing test 10000 rpm at 149°C	Hour	ASTM D 3336	➤ 2000
EMCOR anti-corrosion test	Quotation	NF T 60135	0/0

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used oils.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your disposal.