



LITHIUM SOAP MULTIPURPOSE EXTREME PRESSURE 3LITHIUM GREASE (EP 3L)

DESCRIPTION

EP 3L Grease is a high-quality multipurpose lithium-based grease from solvent-refined oils and incorporating a multifunctional extreme pressure additive as well as corrosion and oxidation inhibitors. EP 3L is resistant to water and high-pressure steam and is suitable for operating between -10°C and 130°C.

APPLICATION

- Designed for use in highly loaded plain and roller bearings as well as for shock loading conditions in steel mills.
- Suitable for use in the full range of bearing speeds encounter in electric motors, machine and woodworking tools, production equipment, textile and papermaking industry, generators and all types of vehicles.
- The smooth consistency makes this grease ideal for use in centralized lubrication systems and can be used on ferrous and non-ferrous metals.
- Recommended for all normal applications at ambient temperatures and where conditions are more severe with higher temperatures.

PERFORMANCE

Meets or exceeds:

- SABS Specification 1014.

ADVANTAGES

- Excellent wear protection
- Good adhesion to metal
- Excellent resistance to water wash-out
- Good structural storage and mechanical stability
- Resist centrifugal separation of oil from the soap
- High load carrying capability

TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	EP 3L Grease	Method
Thickening Agent		Lithium 12 Hydroxystearate	
NLGI Classification		3	ASTM 60 Strokes @ 25°C <i>tenths of a millimetre</i>
Worked Penetration @ 25°C		220-250	ASTM D217
Drop Point	°C	188	ASTM D2265
Viscosity @40°C	cSt	90/110	ISO 1304
Rust Prevention		1	D1743

Property	Unit	EP 3L Grease	Method
Colour		Dark Brown	-
Recommended Temperature	°C	120	-

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