

LITKEMOL 72

EXTREME PRESSURE GREASE WITH MOLYBDENUM BISULPHIDE

DESCRIPTION

Grease made with mineral base oil, lithium soap, additives for improving its performance and molybdenum disulphide.

APPLICATIONS

Due to its molybdenum bisulphide content it has high capacity for emergency lubrication, and it is specially recommended for lubrication of equipment subject to high loads as:

- ⇒ Difficult relubrication points.
- ⇒ Highly loaded bearings and mechanisms.
- ⇒ Chains, wire ropes.
- ⇒ Electrical brakes.
- ⇒ Wheel hub bearings.
- ⇒ Pins and bushings.

PROPERTIES

- Solid lubricants give emergency lubrication even when there is no grease film remaining on the mechanisms, increasing lubrication intervals.
- Excellent behaviour in front of mechanical work .
- High resistance to aging.
- High anti-rust protection of metallic parts.
- Resistant to wash out by water.
- Working temperature range from -30 to +120°C, possible temperature peaks up to 140°C.

QUALITY LEVEL

- ISO-L-XCDEB 2

TECHNICAL CHARACTERISTICS

	Method	Typical values	Units
Appearance	-	Blackish grey grease	-
Penetration at 25°C	ASTM D-217	271	mm x 10 ⁻¹
Penetration at 25°C after 10 ⁴ strokes	ASTM D-217	297	mm x 10 ⁻¹
Consistency NLGI	ASTM D 217	2	-
Dropping point	ASTM D-566	199	°C
Welding load – 4 ball test	ASTM D-2596	400	Kg
Antiwear 4 ball test 400 N, 75 °C, 1 hour –wear scar	ASTM D 2266	0,65	mm
Water resistance 80 °C, max.	ASTM D 1264	6	%
Oil separation (100 °C)	ASTM D 6184	0,3	%

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