

Technical Data Sheet

MOGAS PROTTEX GREASE EP

Extreme Pressure Multipurpose Lithium Grease

Description:

MOGAS Prottex Grease EP is a lithium based multi-purpose grease with extreme pressure additives, rust, corrosion and oxidation inhibitors, with NLGI consistency 00, 2 or 3 as respectively specified. Grade 00 is semi-fluid for pneumatic pumpability.

Application:

For general purpose greasing of heavily loaded anti-friction components e.g. ball, roller and wheel bearings, universal joints, chassis and for shock-loaded or vibrating conditions found in industry, transport, agriculture, off-road and earth-moving equipment. It is suitable for operating temperature range of -20°C to 130°C (150°C peak for only a short time). Grade 00 is for centralized lubrication with closed gear systems.

Always avoid contamination by dust, dirt or other materials.

Specification and Approvals:

NLGI 00 / 2 / 3

ISO 6743-9: L-XCBE 00 / 2 / 3

DIN 51502: GP00G-30; KP2K-25; KP3K-25

Benefits:

- Excellent mechanical stability during operation ensuring a durable lubrication film at all times, leading to increased equipment life and reduced maintenance downtime
- Good thermal stability over a wide range of temperature
- Maintains sufficient adhesion to metal even under humid conditions
- Allows product stock rationalization and simplified maintenance
- Easy pumpability due to smooth texture and consistency
- Does not contain heavy metals e.g. Lead, which could harm human health and the environment

Health, Safety And Environment:

This product, used as per our recommendation for the intended application, is not expected to produce any particular risk. A Material Safety Data Sheet of it is available upon request from our local sales contact office or on our website. In case of used oil disposal, please respect the Regulations for protecting the environment.

Typical Characteristics:

Test Parameters	Units	Test Method	Mean Values	Mean Values	Mean Values
			EP 00	EP 2	EP 3
Grade (Consistency)	NLGI	ASTM D 217	00	2	3
Soap / Thickener			Lithium	Lithium	Lithium
Colour		Visual	Pale Brown	Pale Brown	Pale Brown
Texture	-	Feel	Gel	Smooth	Smooth
Base Oil Viscosity at 40°C	mm ² /s	ASTM D 445	150	120	120
Viscosity at 100°C	mm ² /s	ASTM D 445		12	12
Drop Point	°C	ASTM D 97	> 160	> 180	> 180
Operating Temp. Range	°C		-30 to 100	-20 to 130	-20 to 130
Oil Separation: 168 Hrs at 40°C	%	ASTM D 1742		5	5