MOGAS PROTTEX GREASE JB

Heavy duty, High temperature Industrial Greases

Technical Data Sheet

Specification and Approvals

Meets U. S. Steel Requirement No. 372, IPSS: 1-09-008 specifications; ISO 6743-9

Description

MOGAS Prottex Grease JB is based on an inorganic non-soap thickener dispersed in a very high viscosity base oil containing molybdenum disulphide (MoS2). It has excellent ability to withstand high temperature and severe shock load conditions. It also has excellent resistance to water washout and does not get affected by mild acids and alkalis.
Prottex Grease JB is NOT recommended for rolling element bearings.

Features and Benefits

- Slow moving heavily loaded bearings existing on Sugar mills, Cement mills journals, open gears, etc.
- Excellent resistance to high temperatures
- Very good mechanical stability during operation
- Resistant to mild acid, alkaline solutions and water washout
- Very good anti-wear properties
- Unlikely to present any health or safety hazard under normal proper use.

Applications

For lubrication of machine elements, plain bearings and anti-friction bearings operating at high temperatures between 10°C to 250°C.

Typical Properties

Test Parameters	Test Method	JB 1	JB 2
Grade NLGI(Consistency)		1	2
Soap / thickener		Bentonite Clay	Bentonite Clay
Colour	Visual	Dark Grey	Dark Grey
Texture	Feel	Smooth	Smooth
Base oil Viscosity @ 40°C mm^2/s	ASTM D 445	1050	1050
Viscosity @ 100°C mm^2/s	ASTM D 445	42	42
Drop Point °C	ASTM D 97	>250	>250
Penetration at 25°C	0.1mm	310 - 340	265 - 295
Operating temperature range	°C	10 to 200	10 to 200

The typical characteristics mentioned represent mean values

Health and Safety

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

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