

Technical Data Sheet

MOGAS PROTTEX GREASE HT

High Temperature Bentone Grease



Description:

MOGAS Prottex Grease HT is Bentonite clay based, shiny red in colour, with a smooth texture. 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. It allows peak temperatures up to 220°C for limited period of operation with frequent lubrication.

Application:

For lubrication of machine elements, plain bearings and anti-friction bearings where the temperatures are above the limits of lithium based grease. Operating temperatures between 120°C to 220°C (peak).

Specification and Approvals:

NLGI 2 / 3

ISO 6743-9: L-XAEEA 2 & 3

Meets U. S. Steel Requirement No. 372, IPSS: 1-09-008

Benefits:

- 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.

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
			HT 2	HT 3
Grade (Consistency)	NLGI		2	3
Soap / Thickener			Bentonite Clay	Bentonite Clay
Colour		Visual	Shiny Red	Shiny Red
Texture		Feel	Smooth	Smooth
Base Oil Viscosity at 40°C	mm ² /s	ASTM D 445	460	460
Viscosity at 100°C	mm ² /s	ASTM D 445	31	31
Drop Point	°C	ASTM D 97	Infusible	Infusible
Operating Temp. Range	°C		120 to 220	120 to 220
Penetration at 25°C	0.1 mm	ASTM D 217	265 - 295	220 - 250