



MOGAS PROTTEX GREASE HT 2, 3

High Temperature Bentonite Based Grease

Specification and Approvals

Meets U. S. Steel Requirement No. 372, IPSS: 1-09-008 specifications; NLGI 2 & 3
ISO 6743-9: L-XAEEA 2 & 3

Description

MOGAS Prottex Grease HT is a bentonite clay based grease, 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.

Features and 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.

Applications

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).

Typical Properties

Test Parameters		Test Method	Prottex HT 2	Prottex HT 3
Grade	NLGI(Consistency)		2	3
Soap / thickener			Bentonite clay	Bentonite clay
Colour		Visual	Shiny Red	Shiny Red
Texture		Feel	Smooth	Smooth
Base oil Viscosity @ 40°C	mm ² /s	ASTM D 445	460	460
Viscosity @ 100°C	mm ² /s	ASTM D 445	31	31
Drop Point	°C	ASTM D 97	Non Melting	Non Melting
Penetration at 25°C	0.1mm	ASTM D217	265 - 295	220 - 250
Operating temperature range		°C	-12 to 160	-12 to 160

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.