



PROTTEX GREASE HDX 2

Heavy Duty Lithium Complex Moly Grease

Specification and Approvals

NLGI 2; Mack MG-C; Caterpillar MPGM

Description

MOGAS Prottex HDX is a premium, lithium complex, NLGI No. 2 grease enhanced by tackifier, 3% molybdenum disulphide (MoS_2 , commonly referred to as "Moly") and extreme pressure additives, which offer excellent protection from wear and suitable for use at operating temperatures between -20°C and 150°C . The presence of moly provides reserve protection in these situations which helps to prevent metal-to-metal contact and costly equipment downtime.

Features and Benefits

- ◆ Paraffinic base oils to provide excellent mechanical and structural stability
- ◆ Presence of molybdenum disulphide provides excellent load carrying properties to ensure protection from wear under severe operating conditions and extended re-greasing periods
- ◆ The product offers outstanding resistance to water wash due to its excellent adhesive properties.
- ◆ Compatible with other lithium and lithium complex greases.
- ◆ Anti-rust, anti-corrosion, anti-wear and anti-oxidant additives which provides high temperature stability and protection of equipment from rust, corrosion and oxidation.

Applications

Prottex HDX is primarily intended for agricultural, mining, and construction equipment applications, as well as most heavy-duty industrial applications requiring protection from heavy shock loading applications that require moly type grease.

It can also be used in fifth wheels, CV and universal joints, heavily loaded pivot pins, splined shafts, or other surfaces subjected to sliding.

Typical Properties

Test Parameters		Test Method	HDX 2
Grade	NLGI(Consistency)		2
Soap / thickener			Lithium complex
Colour		Visual	Dark Grey
Molybdenum Disulfide,	wt. %	ASTM D-128	3.0
Base oil Viscosity @ 40°C	mm^2/s	ASTM D 445	350
Timken O.K. Load	(kg/min)	ASTM D-2509	22
Drop Point	$^\circ\text{C}$	ASTM D 97	274
Penetration at 25°C	0.1mm		265 - 295
Operating temperature range (continuous)	$^\circ\text{C}$		-20 to 163

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.