

# Product Data Sheet

## Mobilgrease XHP 222 Premium Lithium Complex Grease for Severe Industrial Applications

### Product Description

Mobilgrease XHP 222 is a premium lithium complex, extreme pressure grease intended for severe industrial applications.

Based on a high quality mineral oil, Mobilgrease XHP 222 is formulated to provide excellent high temperature performance with excellent adhesion, structural stability and superior resistance to water. This grease has a high level of chemical stability and offers excellent protection against rust, corrosion and wear, especially on axles, rings and bearings. The operating temperature range is -15°C to 150°C.

Mobilgrease XHP 222 does not contain lead, chlorine or nitrite.

### Benefits

**Mobilgrease XHP 222** offers the following benefits :

- Reduced downtime and maintenance costs because of high level of protection against wear, corrosion and oxidation combined with an exceptional degree of rust protection against acidic water
- High anti-wear and extreme pressure performance to be suitable for a wide range of bearing speeds
- Extended intervals between re-lubrication due to long product life even under severe operating conditions
- Excellent resistance to water washout

### Application

Mobilgrease XHP 222 is an NLGI 2 grade consistency, and is formulated with an ISO VG 220 base oil. It is a heavy duty grease, recommended for bearings and slides in the Paper, Cement & Glass industries where severe conditions exist. It is suitable for centralised systems and is designed to resist :

- shocks and vibrations
- water washout, water ingress
- corrosive environment, as in mill applications

Mobilgrease XHP 222 is also recommended for marine applications due to its excellent water resistance and corrosion protection.

## Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

## Typical Characteristics

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	<b>Test Method</b>	<b>Mobilgrease XHP 222</b>
NLGI Grade	ASTM D217	2
Soap Type	-	Lithium Complex
Colour	Visual	Dark Blue
Penetration at 25°C, Worked	ASTM D217	280
Dropping Point, °C	ASTM D22	260
Viscosity of Oil, cSt at 40°C	ASTM D445	220
4-Ball, Scar mm	ASTM D2266	0.5
4-Ball Weld, kg	ASTM D2596	315
Timken OK Load, kg	ASTM D2509	20
Rust Protection	IP 220 Mod.	
Distilled Water Washout Test		0-0
Acidic Water ( pH = 4.5 )		0-0

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Due to continual product research and development, the information contained herein is subject to change without notice.

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