

Mobilgrease XHP 103

Premium Lithium Complex Grease

**Mobil**

Product Description

Mobilgrease XHP 103 is a premium lithium complex, extreme pressure grease intended for a wide variety of applications. It is based on a ISO VG 100 mineral oil and is a NLGI Grade 3. It is formulated to provide excellent high temperature performance with excellent adhesion, structural stability and resistance to water (wash out). 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 -20 to 160°C. Mobilgrease XHP 103 does not contain lead, chlorine or nitrite.

Benefits/Advantages

- 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 relubrication due to long product life even under severe operating conditions.
- Excellent resistance to water washout and contamination.

Application

Mobilgrease XHP 103 is recommended where good high temperature and anti-leakage are required. It is particularly suitable for severe truck wheel bearing applications or for rolling element bearing subject to vibration. It is designed to resist to water washout, water ingress, corrosive environment (paper/sugar mills) and shocks and vibrations.



Typical Properties

Mobilgrease XHP 103

Soap Type	Lithium Complex
Color	Visual Dark Blue
NLGI Grade	3
Penetration at 25°C, Worked	235
Dropping Point, °C	>260
Viscosity of base oil cSt at 40°C	100
4-Ball Wear Scar dia.,mm	0.5
4-Ball Weld , kg	315
Timken OK Load, kg	20
Rust Protection, Distilled Water Washout Test	0-0
Acidic Water (pH = 4.5)	0-0

Health and Safety

Based on available toxicological information, this product produces no adverse effects on health when properly handled. No special precautions are suggested beyond attention to good personal hygiene, including laundering oil-soaked clothing and washing skin contact areas with soap and water. Additional health and safety information on these products, including Material Safety Data Bulletins, is available on request from your local ExxonMobil company.

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