

Mobilgrease XHP 461

Premium Lithium Complex Grease

The Mobil logo, consisting of the word "Mobil" in a blue, sans-serif font, is positioned in the top right corner of the page. A red curved line arches over the logo from the top edge of the page.

Product Description

Mobilgrease XHP 461 is a premium lithium complex, extreme pressure grease intended for a wide variety of applications. It is based on a ISO VG 460 mineral oil and is a NLGI grade 1.5 grease. 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 150°C. Mobilgrease XHP 461 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 461 is recommended for severe applications where good high temperature and anti-leakage are required, and particularly for construction mining equipment, paper and steel mills and other heavy duty applications. It is designed to resist to water washout, water ingress, corrosive environment (paper/sugar mills) and shocks and vibrations.



Typical Properties

Mobilgrease XHP 461

NLGI Grade	1.5
Soap Type	Lithium Complex
Color	Dark Blue
Penetration at 25°C, Worked	305
Dropping Point, °C	>260
Viscosity of Oil cSt at 40°C	460
4-Ball Scar 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 and used. 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 this product, including Material Safety Data Bulletins, is available on request from your local ExxonMobil company.

ExxonMobil Middle East Marketing Corporation
P. O. Box 33369, Dubai, U.A.E.

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