



## Mobilgrease XHP™ Series Premium greases for heavy-duty applications



### **Excellent protection. Exceptional productivity.**

Mobilgrease XHP Series premium quality greases are designed to help optimize equipment reliability in a wide variety of heavy-duty applications. Carefully selected mineral base oils with proprietary lithium-complex thickener technology and a high-performance additive system are combined in Mobilgrease XHP Series, providing outstanding equipment protection to help enhance relubrication intervals and unleash productivity.

### **Optimum choice for severe operating conditions.**

Premium performance features make Mobilgrease XHP Series an excellent choice for extreme conditions, such as high operating temperatures, contaminated environments (water, dust), heavy loading, and extended relubrication intervals. Mobilgrease XHP Series offers unique advantages when compared to our conventional greases. Its greases are blue in color, offering easy verification of the correct application. And they are adhesive, providing strong water resistance and excellent lubricant endurance. Mobilgrease XHP Series is formulated to provide outstanding adhesive and cohesive properties, superb mechanical stability of the thickener system, and exceptional protection against rust, corrosion and wear. Mobilgrease XHP Series includes NLGI 1 grades for applications where pumpability is the primary requirement and NLGI 2 grades where extra water wash resistance is needed.

### **Preferred by equipment builders worldwide.**

Mobilgrease XHP Series greases are recognized around the world for their innovation and outstanding technical performance. The excellence of Mobilgrease XHP™ 222, for example, is recognized by more than 150 builders of critical industrial equipment who approve or endorse its use.

## High-Performance Benefits

### **Highly adhesive and cohesive structure**

Excellent grease endurance and leakage control help provide long relubrication intervals for potentially lower maintenance costs.

### **Exceptional resistance to water washout and spray-off**

Superb water tolerance helps maintain consistency, which can lead to long bearing life and minimize corrosion-related failures.

### **Excellent wear protection and EP performance**

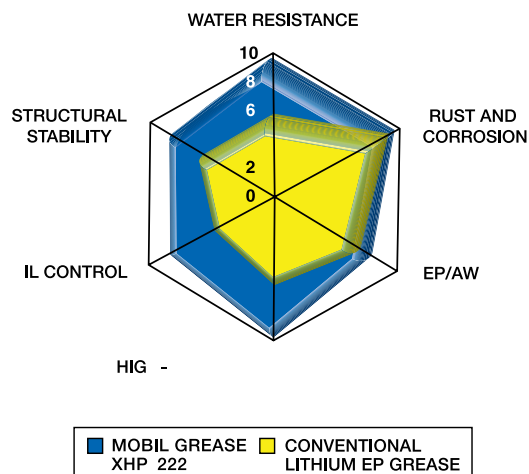
Reliable bearing protection even under conditions of heavy loading can help lead to long equipment life.

### **Superb protection against rust and corrosion**

Excellent protection against metal degradation helps minimize downtime and maintenance costs for peak productivity.

# Mobilgrease XHP™ Series — Performance

## Balanced Formulation



Mobilgrease XHP Series greases perform on multiple dimensions to meet the demands of bearings in a variety of applications. They are characterized by excellent water resistance and load-carrying properties, and help provide long-term protection against rust and corrosion. Mobilgrease XHP Series shows significantly higher performance when compared with our conventional greases based on lithium technology.

## Performance Features

	Mobilgrease XHP™ 221	Mobilgrease XHP™ 222	Mobilgrease XHP™ 461	Mobilgrease XHP 462
Thickener Type	LI-Complex	LI-Complex	LI-Complex	LI-Complex
Color	Dark Blue	Dark Blue	Dark Blue	Dark Blue
NLHI Consistency Grade	1	2	1	2
Dropping Point, °C	280	280	280	280
Base Oil Viscosity, 40°C, mm <sup>2</sup> /s	220	220	460	460
Rust Protection (EMCOR), IP 220	0-0	0-0	0-0	0-0
Corrosion Protection, ASTM D 1743	Pass	Pass	Pass	Pass
4-Ball Weld Point, kg, ASTM D 2596	315	315	315	315
Water Washout, %, ASTM D 1254	4	3	2	2
Water Spray-off, %, ASTM D 4049	11	5	8	4
Oil Release, 168 hrs @ 40°C, %, IP 121	8.3	2.5	3.2	3.3
DIN 51825 Classification	KP1N-20	KP2N-20	KP1N-20L	KP2N-20L

### General Application Guide

Multipurpose industrial grease for general manufacturing; suitable for centralized grease systems

Multipurpose industrial grease for general manufacturing

Multipurpose heavy-duty industrial grease for construction, mining, and steel industry; suitable for centralized grease systems

Multipurpose heavy-duty industrial grease for construction, mining, and steel industry

**For more information on Mobilgrease XHP™ Series greases and other Mobil-branded industrial lubrication and services, please contact your local company representative or visit [mobilindustrial.com](http://mobilindustrial.com).**

### Health and Safety.

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office or via the Internet. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment.

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