



Mobil Centaur XHP 221

Multipurpose Calcium Sulphonate Complex Grease

Product Description

Mobil Centaur XHP 221 premium multipurpose grease has been formulated to lubricate rolling element bearings in industrial machinery operating at high temperatures under wet, heavily loaded conditions.

Features and Benefits

Mobil Centaur XHP 221 offers the following features and benefits :

Features	Advantages and Potential Benefits
Excellent resistance to water and corrosion	The calcium sulphonate thickener system protects against water washout and bearing corrosion under challenging conditions
Exceptional mechanical stability	Resists softening under mechanical shear in the presence of process water contamination.
High load carrying properties	Excellent extreme pressure protection at low to moderate speeds is provided by the grease thickener system.
Excellent thermal stability	Resists oxidation and oil separation at high temperatures, and provides excellent life in accelerated bearing life tests.

Applications

Mobil Centaur XHP 221 is recommended for lubrication of rolling element bearings in machinery operating at high temperatures where resistance to water washing and corrosion are important. Specific examples of such applications include :

- Wet-end paper machine bearings
- Heavily loaded industrial ball and roller bearings
- Bearings in steel mill and mining operations

Specifications and Approvals

Mobil Centaur XHP 221 meets or exceeds the requirements

of:

DIN 51825: (2004-06)	KP1-2G-20
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Typical Properties

Mobil Centaur XHP 221	
NLGI Grade	1.5
Thickener Type	Calcium Sulphonate Complex
Color	Brown
ISO Viscosity Grade of Oil	220
Dropping Point, ASTM D 2265, °C	318

Mobil Centaur XHP 221

Worked Penetration, ASTM D 217, mm/10 @25°C	300
Worked Penetration Change after 100k Strokes, ASTM D 217, mm/10	10
Water Washout @ 79°C, ASTM D 1264, wt%	1
EMCOR Bearing Corrosion in Distilled Water, ASTM D 6138, Rating	0/1
Copper Corrosion, ASTM D 4048, Rating	1b
Four Ball Weld, ASTM D 2596, kgf	400
Timken OK Load, ASTM D 2509, kg	27
Oil Separation @ 100°C after 30 hours, ASTM D 6184, wt%	2
Wheel Bearing Life @ 160°C, ASTM D 3527, hours	120

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended applications and the recommendations provided in the Material Safety Data Sheet. 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 its intended use. If disposing of used product, take care to protect the environment.

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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