

Mobil Greasrex 47

Automotive Grease

Product Description

Mobil Greasrex 47 is a calcium complex thickened water-resistant grease with good load carrying capability. It is blended with highly refined mineral oils and a carefully selected additive combination to provide a high degree of chemical and thermal stability and extra protection against corrosion and wear. It is used for plain and roller bearings in industrial applications. Due to its outstanding performance characteristics, Mobil Greasrex 47 is suitable for use in centralised lubricating systems, particularly the dual line type which require short pressure release time. The Calcium Complex thickener makes it suitable for the lubrication of bearings subject to vibration and likely to suffer false brinelling. Mobil Greasrex 47 is based on mineral oils with a final viscosity of ISO VG 150.

Features and Benefits

Features	Advantages and Potential Benefits
Excellent protection against false brinelling	Longer bearing life
Can be used in a wide variety of heavily loaded applications	Potential to rationalise onto one product
Highly resistant to water wash-out Good mechanical stability even at high shear rate	Long service intervals
Good oxidation and thermal stability	For good equipment reliability and availability
Excellent protection against rust and corrosion and resistance to water washout	Enhanced equipment protection and good lubrication even in presence of water
Good pumpability in centralised systems at low temperatures	

Applications

Mobil Greasrex 47 is intended for use in a variety of industrial applications. It is suitable for use in plain and roller bearings in all kinds of machinery used in the steel and concrete industries such as in bearings of rolls in continuous casting equipment, in bearings of rolls in steel mills, bearings in conveyor lines for the transport of hot rolling material. Also for the lubrication of rotating furnaces in the concrete industry. Mobil Greasrex 47 is suitable for use in centralised lubricating systems, particularly the dual line type which require short pressure release time. It is also suitable for the lubrication of bearings subject to vibration and likely to suffer false brinelling. Mobil Greasrex 47 is resistant to hardening during storage even under the effect of thermal stresses. The operating temperatures are between -20°C and 120°C. With frequent re-greasing the operating temperatures may go up to 150°C. Mobil Greasrex 47 should not be mixed with other greases without advice from ExxonMobil.

Typical Properties

Mobil Greasrex 47	
NLGI Grade	1.5



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Base Oil Viscosity @ 40°C, cSt, ASTM D 445	150
Thickener Type	Calcium Complex
Colour	Brown
Penetration, Worked, 25 °C, ASTM D 217	280-310
Dropping Point, D 2265, °C	300min
4-Ball Wear, Scar diameter, mm	0.5
Water Wash-Out, ASTM D 1264, % mass loss	2.0

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application 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 its intended use. If disposing of used product, take care to protect the environment.

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