

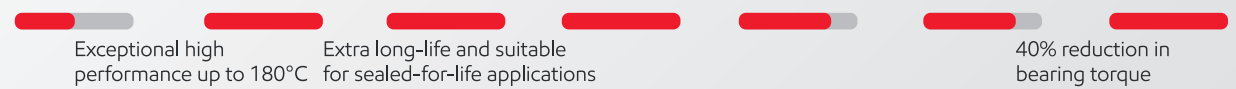
Greases for different industrial needs.

An introduction to all the Mobilgrease™ product families.

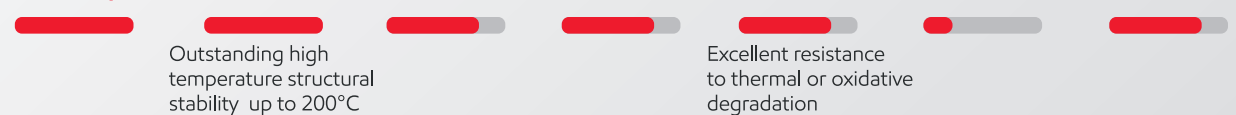


Superior Performance Synthetic Greases

Mobil SHC™ Polyrex



Mobiltemp SHC™



Mobilith SHC™

Low torque, easy start-up at low temperatures

Multipurpose with excellent protection and adhesion properties

High Performance Conventional Greases

Mobil Centaur XHP™

Specially suited for steel mill and paper machine equipment

Contains inherent rust protection and EP properties in water saturated environments

Mobilgrease XHP™

Highly adhesive structure that reduces leakages

Very good resistance to thermal, oxidative and structural degradation

Multipurpose

General Purpose Conventional Greases

Mobilux™ EP

Multipurpose

Extended bearing life potential and protection in wet environments

Mobilgrease™ EP

Multipurpose

Protects against wear and corrosion

Why grease?

Greases are preferentially used instead of lubricating oils when a lubricant is required to maintain its original position in a mechanism, thereby resisting the effects of deformation or flow. This property of greases allows them to prolong re-greasing intervals and maintain a long-lasting film barrier between bearing surfaces.

Satisfactory greases are able to:



Reduce friction between the lubricated surfaces and prevent harmful wear of components



Protection against rust and corrosion



Act as a seal against contaminants such as dirt and water, while resisting leakage and dripping from lubricated surfaces



Retain apparent viscosity under high temperature or high mechanical shear in components



Not stiffen excessively and inhibit machine motion in cold environments



Be compatible with materials used in construction








Tolerate contamination, such as moisture, without significant loss of characteristics.

State-of-the-art Polyrex Technology

Mobil Polyrex greases are formulated using an advanced thickener formulation technology and proprietary manufacturing techniques to generate a grease designed for robust stability in demanding applications. Developed using advanced Polyurea technology, these synthetic, polymer-enhanced greases bring a high-temperature solution to the market while carrying a full NSF H1 registration. Our novel additive technology provides you with exceptional bearing protection that delivers the protection needed to extend the life of your equipment.

Mobil™ grease for every sector





Detailed sector guide

Sector	Environmental Conditions	Sector Challenges	Sector-specific Recommendation
General Manufacturing: Plastic, rubber, textile, etc.  	<ul style="list-style-type: none"> Moderate to high temperature Moderate to high water contamination Low to high speed Moderate to high loads 	<ul style="list-style-type: none"> Long re-greasing intervals Exposure to high loads Exposure to high temperatures High grease loss through water washout Chances of chemical corrosion 	<div>Mobil SHC Polyrex™ 222</div> <div>Mobilith SHC™ 100, 220</div> <div>Mobil SHC Polyrex™ EM 102, 103</div> <div>Mobilgrease XHP™ 220,221,222,223</div> <div>Mobilux™ EP 0, 1,2,3</div> <div>Mobilgrease™ EP 2 series</div>
Key differentiator: Mobilux™ greases have adhesive structures, which ensure long retention in equipment and reduce re-greasing intervals.			
Paper 	<ul style="list-style-type: none"> High temperature High water contamination Low to high speed Moderate loads 	<ul style="list-style-type: none"> High temperature High grease loss through water washout Steam presence Chances of chemical corrosion Grease staining on paper products 	<div>Mobilith SHC™ PM 220, 460</div> <div>Mobilith SHC™ 220</div> <div>Mobilith SHC™ 460</div> <div>Mobilgrease XHP™ 222</div>
Key differentiator: Mobilith SHC™ PM greases are non-staining and white in colour, suitable for use with paper machinery.			
Steel 	<ul style="list-style-type: none"> High to very high temperature High to very high water contamination Low to moderate speed High to very high loads 	<ul style="list-style-type: none"> High bearing wear and corrosion High grease loss through water washout 	<div>Mobil Centaur XHP™ 461, 462</div> <div>Mobilgrease XHP™ 221</div> <div>Mobilgrease XHP™ 222</div> <div>Mobilgrease XHP™ 461, 462</div> <div>Mobilux™ EP 1, 2</div> <div>Mobil Polyrex™ EM series</div>
Key differentiator: Mobil Centaur XHP™ greases are designed for use in steel mills, due to their outstanding water resistance and EP properties.			
Construction/ Mining 	<ul style="list-style-type: none"> Moderate temperature High to very high water contamination Low speed High to very high loads 	<ul style="list-style-type: none"> Long hours of equipment operation with little time for maintenance Exposure to various extreme environments and weather conditions Low-speed and sliding mechanisms High vibration 	<div>Mobilgrease XHP™ 320, 321, 322 Mine</div> <div>Mobilgrease XHP™ 681 Mine</div> <div>Mobilgrease XHP™ 462 MoLy</div> <div>Mobilgrease™ CM-P</div> <div>Mobilgrease XHP™ 222</div> <div>Mobilgrease XHP™ 222 Special</div> <div>Mobilux™ EP series</div> <div>Mobilgrease™ EP 2</div> <div>Mobil Delvac™ Long life Grease</div>
Key differentiator: Mobilgrease XHP™ Mine series greases contain 5% molybdenum disulfide, which protects equipment and ensures reliable equipment performance under low-speed and sliding conditions.			

Superior performance recommendation

High performance recommendation

General purpose recommendation

Sector	Environmental Conditions	Sector Challenges	Sector-specific Recommendation
Cement 	<ul style="list-style-type: none"> Moderate to high temperature Low water contamination Low to high speed High to very high loads 	<ul style="list-style-type: none"> Long hours of equipment operation with little time for maintenance Exposure to extreme environments and weather conditions High rate of equipment wear High vibration 	<div>Mobilith SHC™ 220</div> <div>Mobilith SHC™ 460</div> <div>Mobilith SHC™ 100</div> <div>Mobilgrease XHP™ 221</div> <div>Mobilgrease XHP™ 222</div> <div>Mobilux™ EP series</div> <div>Mobilux™ EP 3</div> <div>Mobil Polyrex™ EM</div> <div>Mobilgear™ OGL 461</div> <div>Mobilgrease™ EP series</div>
Key differentiator: Mobilith SHC™ greases deliver long-life performance and protection with its combination of synthetic base fluids and high quality lithium complex thickener.			
Heavy duty (Fleet) CVL 	<ul style="list-style-type: none"> Intermittent high temperature to moderate temperature Moderate to high water contamination Low to moderate speed High loads 	<ul style="list-style-type: none"> Long hours of equipment operation with little time for maintenance Exposure to extreme environments and weather conditions Trouble-free operation required 	<div>Mobilgrease XHP™ 462 Moly</div> <div>Mobilgrease™ CM-P</div> <div>Mobilgrease XHP™ 223</div> <div>Mobilgrease XHP™ 222</div> <div>Mobilgrease XHP™ 222 Special</div> <div>Mobil Delvac™ Long life Grease</div>
Key differentiator: Mobilgrease XHP™ 462 Moly and Mobilgrease™ CM-P contains 5% molybdenum disulfide which protects equipment against wear and friction.			
Food 	<ul style="list-style-type: none"> Moderate to high temperature Moderate to high water contamination Low to moderate speed Moderate loads 	<ul style="list-style-type: none"> Grease used must be toxic-free Exposure to water contamination Exposure to high temperature Food-grade certifications required: Kosher/Parve approved, Halal Certified 	<div>Mobil SHC Polyrex™ 222</div> <div>Mobil SHC Polyrex™ 462</div> <div>Mobilgrease™ FM 222</div>
Key differentiator: Mobil SHC Polyrex™ greases bring a high-temperature solution to the market while carrying a full NSF H1 registration.			
Wind 	<ul style="list-style-type: none"> Low to high temperature Low to moderate water contamination Low to moderate speed High loads 	<ul style="list-style-type: none"> High vibrations cause fretting wear in wind turbine bearings Controlled oil bleed for long-term lubrication Long-life service/fill-for-life service may be required 	<div>Mobil SHC™ Grease 681 WT</div> <div>Mobil SHC™ Grease 461 WT</div> <div>Mobil SHC™ Grease 460 WT</div> <div>Mobilith SHC™ 100 (for generators)</div>
Key differentiator: Mobil SHC™ Grease 460 WT protects your wind turbine bearings from extreme temperatures and fretting wear, rust and corrosion.			