



Find a Mobil™ Grease for your every lubrication need.

Name	Color	Base Oil	Thickener	Moly %	Recommended Operating Temperature Limits*		NLGI Grade	Lower, C	Upper, C	DIN**	Claims	Typical Applications
					Base Oil Viscosity at 40°C							
Flagship Greases												
Mobil SHC Centaur™ 101 Moly		Synthetic	Calcium Sulfonate	5	100	1	-40	223				Wide operating range, heavy-duty mining grease with molybdenum disulfide. Exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil SHC Centaur™ 221		Synthetic	Calcium Sulfonate		220	1	-40	223				Wide operating temperature range, multipurpose grease with exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil SHC Centaur™ 222		Synthetic	Calcium Sulfonate		220	2	-40	223				Wide operating temperature range, multipurpose grease with exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil SHC Centaur™ 461		Synthetic	Calcium Sulfonate		460	1.5	-40	223				Wide operating temperature range, multipurpose grease with exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil SHC Centaur™ 1500		Synthetic	Calcium Sulfonate		1500	1.5	-30	223				Extreme heavy-duty service for slow, highly loaded bearings in high and low temperatures and wet environments.
Mobiltemp SHC™ 32		Synthetic	Clay		32	1.5	-50	180	KPHC1-2K-50L			High-speed spindle bearings, splines, screws, and machine tools operating in a Wide temperature range.
Mobil 1™ Synthetic Grease		Synthetic	Lithium Complex		150	2	-40	150			NLGI GC-LB	High performance, automotive wheel bearing, u-joint and chassis grease.
Mobil SHC™ Grease 460 WT		Synthetic	Lithium Complex		460	1.5	-30	150	KPHC1-2N-30			Wind turbine pitch, main, and yaw bearings.
Mobil SHC™ Grease 461 WT		Synthetic	Lithium Complex		460	1.5	-50	120	KPHC1-2M-50			Wind turbine pitch, main, and yaw bearings. Improved low temperature performance with low starting torque.
Mobil SHC™ Grease 681 WT		Synthetic	Lithium Complex		680	1.5	-50	120	KPHC1-2M-50			Wind turbine pitch, main, and yaw bearings. Improved low temperature performance with low starting torque. High film thickness.
Mobil SHC™ Grease 68 Moly		Synthetic	Lithium Complex	5	68	0	-50	120				Exceptional mobility at very low temperatures. Designed for central lubrication systems on mining equipment in arctic conditions. Equipment protection in high sliding mechanisms and heavy loads.
Mobil SHC™ Aware Grease EP 0		Synthetic	Lithium/Calcium		150	0	-25	125			US EPA VGP-2013, AFNOR EU ECOLABEL	Multipurpose grease with improved mobility meeting VGP requirements for use on ships, waterways or other environmentally sensitive areas.
Mobil SHC™ Aware Grease EP 2		Synthetic	Lithium/Calcium		150	2	-25	125			US EPA VGP-2013, AFNOR EU ECOLABEL	Multipurpose grease meeting VGP requirements for use on ships, waterways or other environmentally sensitive areas.
Mobilith SHC™ 007		Synthetic	Lithium Complex		460	00	-50	150	GPHC00K-30			Slow speed gear boxes, poorly sealed gear cases. Semi-trailer wheel hubs and steer axle wheel hubs designed for semifluid grease.
Mobilith SHC™ 100		Synthetic	Lithium Complex		100	2	-40	150	KPHC2N-40	AAR-M942		High-speed bearings. Electric motors. Wind turbine generators.
Mobilith SHC™ 220		Synthetic	Lithium Complex		220	2	-40	150	KPHC2N-30			Multipurpose, Wide temperature range.
Mobilith SHC™ 221		Synthetic	Lithium Complex		220	1	-40	150			AAR-M942	Multipurpose, centralized grease systems. Wide temperature range. Rail applications (by approval).
Mobilith SHC™ 460		Synthetic	Lithium Complex		460	1.5	-40	150	KPHC1-2N-40			Heavy-duty applications experiencing slow speeds and heavy loads. Wide temperature ranges.
Mobilith SHC™ 1500		Synthetic	Lithium Complex		1500	1.5	-30	150	KPHC1-2N-30			Extreme heavy-duty service for slow, highly loaded bearings. High temperatures.
Mobilith SHC™ PM 220		Synthetic	Lithium Complex		220	1.5	-40	150	KPHC1-2N-40			High-speed paper machines. Excellent wear and water protection. High temperatures.
Mobilith SHC™ PM 460		Synthetic	Lithium Complex		460	1.5	-40	150	KPHC1-2N-40			High-speed paper machines. Excellent wear and water protection. High temperatures.
Mobil SHC Polyrex™ 102 EM		Synthetic	Polyurea		85	2	-30	180	KHC2R-30			High temperatures and speeds. Especially electric motor bearings in filled for life applications.
Mobil SHC Polyrex™ 103 EM		Synthetic	Polyurea		85	3	-20	180	KHC3R-20			High temperatures and speeds. Especially electric motor bearings in filled for life applications. For applications where anti-leak performance is needed such as vertically mounted motors.
Mobil SHC Polyrex™ 005		Synthetic	Polyurea		220	00	-30	170	GPFHC00K-30	NSF H1, Kosher & Parve, FDA 21 CFR 178.3570		Food processing, Wide temperature range, long grease life, central distribution systems, gearboxes designed for semifluid grease.
Mobil SHC Polyrex™ 221		Synthetic	Polyurea		220	1	-30	170	KPFHC1P-30	NSF H1, Kosher & Parve, FDA 21 CFR 178.3570		Food processing, Wide temperature range, long grease life, multipurpose, central distribution systems.
Mobil SHC Polyrex™ 222		Synthetic	Polyurea		220	2	-30	170	KPFHC2P-30	NSF H1, Kosher & Parve, FDA 21 CFR 178.3570		Food processing, Wide temperature range, long grease life, multipurpose.
Mobil SHC Polyrex™ 462		Synthetic	Polyurea		460	2	-20	170	KPFHC2P-20	NSF H1, Kosher & Parve, FDA 21 CFR 178.3570		Food processing, very high temperatures, long grease life for high loads.



Recommended Operating Temperature Limits*

Name	Color	Base Oil	Thickener	Moly %	Base Oil Viscosity at 40°C	NLGI Grade	Lower, C	Upper, C	DIN**	Claims	Typical Applications
Premium Greases											
Mobilgrease® FM 101		Mineral	Aluminum Complex		100	1	-20	120	KPF1K-20	NSF H1, Kosher & Parve, IFANCA Halal, FDA 21 CFR 178.3570	Multipurpose NSF H1 Grease, good resistance to water wash, good low temperature mobility. Central grease systems.
Mobilgrease® FM 222		Mineral	Aluminum Complex		220	2	-20	120	KPF2K-20	NSF H1, Kosher & Parve, IFANCA Halal, FDA 21 CFR 178.3570	Multipurpose NSF H1 Grease, good resistance to water wash, good low temperature mobility.
Mobil Centaur® XHP® 221		Mineral	Calcium Sulfonate		220	1.5	-20	223	KPF1-2G-20		Multipurpose grease with exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil Centaur® XHP® 461		Mineral	Calcium Sulfonate		460	1	-20	223	KPF1K-20		Heavy-duty grease with exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil Centaur® XHP® 462		Mineral	Calcium Sulfonate		460	2	-10	223			Heavy-duty grease with exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil Centaur® Moly 1		Mineral	Calcium Sulfonate	3	320	1	-20	223			Heavy-duty mining grease fortified with molybdenum disulfide. Exceptional water handling characteristics and high temperature resistance.
Mobil Centaur® Moly 2		Mineral	Calcium Sulfonate	3	320	2	-10	223			Heavy-duty mining grease fortified with molybdenum disulfide. Exceptional water handling characteristics and high temperature resistance.
Mobil Centaur® XHP® 151 Mine		Mineral	Calcium Sulfonate	5	150	1	-20	223			Heavy-duty mining grease fortified with molybdenum disulfide. Exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil Centaur® XHP® 152 Mine		Mineral	Calcium Sulfonate	5	150	2	-10	223			Heavy-duty mining grease fortified with molybdenum disulfide. Exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil Centaur® XHP® 462 Mine		Mineral	Calcium Sulfonate	5	460	2	-10	223			Heavy-duty mining grease fortified with molybdenum disulfide. Exceptional water handling characteristics, high temperature resistance and corrosion protection.
Mobil Dynagear® 600 SL		Semi-Syn	Lithium	3	620	0.5	-35				Heavily loaded gear-sets found in the mining industry. Excellent pumpability and tenacious film over a wide temperature range. Solvent free.
Mobil Dynagear® 800 Extra		Semi-Syn	Lithium	3	680	0.5	-40				Heavily loaded gear-sets found in the mining industry. Improved low temperature performance. Solvent free.
Mobil Dynagear® 2000		Semi-Syn	Lithium	3	2000	0.5	-20				Heavily loaded gear-sets found in the mining industry. Higher viscosity for a more tenacious film in warmer temperatures. Solvent free.
Mobil® Epic EP Moly		Semi-Syn	Lithium Complex	3	120	1.5	-35	140			Wide temperature range mining grease fortified with molybdenum disulfide.
Mobilgrease XHP® 005		Mineral	Lithium Complex		220	00	-20	140			For centralized grease systems. Good low-temperature mobility. Poorly sealed gear cases.
Mobilgrease XHP® 220		Mineral	Lithium Complex		220	0	-20	140			For centralized grease systems. Good low-temperature mobility.
Mobilgrease XHP® 221		Mineral	Lithium Complex		220	1	-20	140	KP1N-20		Multipurpose. Excellent water resistance.
Mobilgrease XHP® 222		Mineral	Lithium Complex		220	2	-20	140	KP2N-20	NLGI HPM +WR	Multipurpose. Excellent water resistance.
Mobilgrease XHP® 222 Special		Mineral	Lithium Complex	0.75	220	2	-20	140			Multipurpose. Excellent water resistance. Molybdenum disulfide for enhanced sliding wear protection.
Mobilgrease XHP® 223		Mineral	Lithium Complex		220	3	-10	140			For severe applications where anti-leakage peoperties are needed.
Mobilgrease XHP® 461		Mineral	Lithium Complex		460	1	-20	140	KP1N-20L		Multipurpose applications with heavier loads and slower speeds. Excellent water tolerance.
Mobilgrease XHP® 462		Mineral	Lithium Complex		460	2	-20	140	KP2N-20L		Multipurpose applications with heavier loads and slower speeds. Excellent water tolerance.
Mobilgrease XHP® 462 Moly		Mineral	Lithium Complex	3	460	2	-20	140			Heavy-duty industrial applications, especially with sliding contacts.
Mobilgrease XHP® 100 Mine		Semi-Syn	Lithium Complex	5	100	0	-40	140			Excellent mobility at very low temperatures, tacky and adhesive. Equipment protection in high sliding mechanisms and heavy loads.
Mobilgrease XHP® 320 Mine		Mineral	Lithium Complex	5	320	0	-20	140			Good mobility at low temperatures, tacky and adhesive. Equipment protection in high sliding mechanisms and heavy loads.
Mobilgrease XHP® 321 Mine		Mineral	Lithium Complex	5	320	1	-20	140			Good mobility, tacky and adhesive. Good water resistance. Equipment protection in high sliding mechanisms and heavy loads.
Mobilgrease XHP® 322 Mine		Mineral	Lithium Complex	5	320	2	-20	140			Tacky and adhesive. Excellent water resistance. Equipment protection in high sliding mechanisms and heavy loads.
Mobil Delvac Modern® Grease 2		Mineral	Lithium Complex		320	2	-20	140			Heavy-duty, water-resistant grease for use in construction and mining applications.
Mobil Delvac Modern® Grease Moly 1		Mineral	Lithium Complex	3	150	1	-20	140			Heavy-duty, water-resistant grease for use in construction and mining applications. Fortified with molybdenum disulfide for pin and bushing protection.
Mobil Delvac Modern® Grease Moly 2		Mineral	Lithium Complex	3	320	2	-20	140	KP2N-20L		Heavy-duty, water-resistant grease for use in construction and mining applications. Fortified with molybdenum disulfide for pin and bushing protection. Improved pumpability in low temperatures.

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Premium Greases											
Unirex® EP 1		Mineral	Lithium Complex		220	1	-20	140			High performance, multipurpose industrial and automotive applications.
Unirex® EP 2		Mineral	Lithium Complex		220	2	-20	140			High performance, multipurpose industrial and automotive applications.
Mobilgrease® XTC		Mineral	Lithium Complex		680	1		140		AGMA CG-1, CG-2, CG-3	Gear and grid couplings. Excellent resistance to centrifugal oil separation.
Mobil Polyrex® EM		Mineral	Polyurea		115	2	-20	160			High temperatures and speeds. Long life. Provides low-noise performance, light loads.
Mobil Polyrex® EM 103		Mineral	Polyurea		115	3	-10	160	K2P-20		High temperatures and speeds. Long life. For applications where anti-leak performance is needed such as vertically mounted motors.
Mobil Polyrex® EP 2		Mineral	Polyurea		235	2	-20	160			High performance multipurpose grease with wide operating temperature range.
Standard Greases											
Mobilux® EP 023		Mineral	Lithium		320	000	-20	120	GP000G-20		Enclosed gears and bearings in poorly sealed gear cases.
Mobilux® EP 0		Mineral	Lithium		150	0	-20	120	GP0G-10		General purpose industrial grease.
Mobilux® EP 1		Mineral	Lithium		150	1	-20	120	KP1K-20		General purpose industrial grease.
Mobilux® EP 2		Mineral	Lithium		150	2	-20	120	KP2K-20		General purpose industrial grease.
Mobil Arapen® RB 320		Mineral	Lithium/Calcium		150	1.5				AAR-M942	Railroad axle bearing grease.
Unirex® N 2		Mineral	Lithium Complex		115	2	-20	140	K2N-20L		High temperatures and speeds, including electric motors.
Unirex® N 3		Mineral	Lithium Complex		115	3	-20	140	K3N-20L		High temperatures and speeds including electric motors. For applications where anti-leak performance is needed such as vertically mounted motors.
Ronex® MP		Mineral	Lithium Complex		115	2	-30	120	KP2K-30L	NLGI GC-LB	Multipurpose industrial and automotive applications.
Mobilgrease® HTM		Mineral	Lithium Complex		320	1.5					Heavy-duty, water-resistant grease for steel mill service. Good mobility for use in large central grease systems.
Mobilgrease® HTR		Mineral	Lithium Complex		320	0.5					Heavy-duty, water-resistant grease for steel mill service. Improved mobility for use in large central grease systems at lower temperatures.
Mobilgrease® HTS		Mineral	Lithium Complex		680	2					Extra heavy-duty and water-resistant grease for steel mill service and off-highway mobile equipment.

For specific application/operating conditions and recommendations, go to mobil.com/industrial.

The list above is intended as a general guide only. Our experienced technical advisors can recommend the optimum use of all grease products. Full details about these and other Mobil™ greases can be obtained in Product Data Sheets (exxonmobil.com/en/pds) and Material Safety Data Sheets (sds.exxonmobil.com).

*Operating temperature ranges provided as a guide only. Actual performance is dependent on the specific application, ambient conditions, relubrication frequency and relubrication method. This may result in limits that are significantly different than those reported.

**NLGI 1–3 grades classified in accordance to DIN 51825:2004-06. NLGI 0 and lower grades classified in accordance with DIN 51826:2005-01.

For more information on Mobil Industrial Greases and other Mobil Industrial Lubricants and services, call your local company representative or the Mobil Technical Helpline at 1-888-968-3776. Also visit mobil.com/industrial.