

# Find a Mobil™ branded Industrial Grease for your every lubrication need.

Industry icon key	Thickener	Base Oil Viscosity @ 40°C mm <sup>2</sup> /s	NLGI	ExxonMobil Recommended Operating Temperature*		Specifications and Approvals	Typical Applications
				Min °C	Max °C		
	Polyurea	220	00	-30	170	NSF H1 Registered, Kosher (Parve) DIN 51826:2005-01 GPFHC00K-30 FDA 21 CFR 178.3570	Food processing, wide temperature range, long grease life for moderate loads, central distribution systems, manufactured in a facility registered to the requirements of ISO 21469.
	Polyurea	220	2	-30	170	NSF H1 Registered, Kosher (Parve) 222-DIN 51825:2004-06 KP FH C2P-30 FDA 21 CFR 178.3570	Food processing, wide temperature range, long grease life for moderate loads, central distribution systems, manufactured in a facility registered to the requirements of ISO 21469.
	Polyurea	460	2	-20	170	NSF H1 Registered, Kosher (Parve) DIN 51825:2004-06 KPF2P-20 FDA 21 CFR 178.3570	Food processing, very high temperatures, long grease life for moderate loads, manufactured in a facility registered to the requirements of ISO 21469
	Polyurea	85	2	-30	180	DIN   51825: 2004-06 KHC2R-30	Long-life, extreme high-temperature lubrication of electric motor ball and roller bearings, particularly in sealed-for-life applications up to 180 C
	Lithium Complex	460	1.5	-30	150	DIN   51825: 2004-06 KPHC1-2N-30	Wind turbine pitch, main and yaw bearings.
	Lithium Complex	460	1.5	-50	120	DIN 51825: 2004-06 KP HC 1-2 M -50	Wind turbine yaw, pitch, and generator bearings - very low starting and running torque, excellent low temperature pumpability properties and enhanced wear protection
	Lithium Complex	680	1.5	-50	120	DIN   51825: 2004-06 KPHC1-2M-50	Wind turbine yaw, pitch, and generator bearings - very low starting and running torque, excellent low temperature pumpability properties and enhanced wear protection
	Lithium Complex	68	1.5	-50	140	DIN   51825: 2004-06 KPF HC1-2N-50	Wind turbine individual pitch control (IPC) and yaw bearings - excellent low temperature pumpability properties and enhanced wear protection
	Lithium Complex	460	00	-30	120	DIN 51826:2005-01 GPHC00K-30 Cincinnati Machine P-81	Slow-speed gear boxes, poorly sealed gear cases. Nondriven wheel hubs.
	Lithium Complex	100	2	-40	150	DIN 51825:2004-06 KPHC2N-40 AAR-942, Cincinnati Machine P-73	High-speed bearings. Electric motors. Wind turbine generators.
	Lithium Complex	220	2	-30	150	DIN 51825:2004-06 KPHC2N-30	Multipurpose, wide temperature range.
	Lithium Complex	220	1	-40	150	AAR-942	Multipurpose, centralized grease systems. Wide temperature range. Rail applications (by approval).
	Lithium Complex	460	1.5	-40	150	DIN 51825:2004-06 KPHC1-2N-40	Heavy-duty applications experiencing slow speeds and heavy loads. Wide temperature ranges.
	Lithium Complex	1500	1.5	-30	150	DIN 51825:2004-06 KPHC1-2N-30	Extreme heavy-duty service for slow, highly loaded bearings. High temperatures.
	Lithium Complex	220, 460	1.5	-40	150	DIN 51825:2004-06 KPHC1-2N-40	Mobilith SHC PM greases are recommended for critical rolling element bearing applications in paper machines.
	Clay	32	1.5	-50	120	DIN 51825:2004-06 KPHC1-2K-50	High-speed spindle bearings, splines, screws, and machine tools operating in a wide temperature range.
	Clay	100	1.5	-50	180	N/A	High-speed bearings and thrust bearings operating in a wide temperature range. Electric motors (by approval).
	Clay	460	0.5	-40	180	N/A	High-speed spindle bearings, splines, screws, and machine tools operating in a wide temperature range.
	Lithium Complex	220	1	-20	140	Fives Cincinnati P-72 DIN 51825:2004-06 - KP 1 N -20	Multipurpose. Excellent water resistance. Automotive wheel bearings.
	Lithium Complex	220	2	-20	140	Fives Cincinnati P-64 DIN 51825:2004-06 - KP 2 N -20 NLGI HPM+WR	Multipurpose. Excellent water resistance. Automotive wheel bearings.
	Lithium Complex	220	3	-10	140	N/A	For severe applications where antileakage properties are needed.

Industry icon key	Manufacturing & Assembly	Construction & Mining	Electric Fan Bearing	Electric Motor Bearing	Heavy Commercial Vehicles	Steel & Aluminum	Paper & Pulp	Environmentally Aware	Open Gears

The list below is intended as a general guide only. Our experienced lubrication engineers can recommend the optimum use of all these products. Full details about these and any other Mobil-branded Industrial Greases are contained in Product and Material Safety Data Sheets, obtainable from your local sales office or distributor.



Icon	Product Name	Image	Thickener	Base Oil Viscosity @ 40°C mm <sup>2</sup> /s	NLGI	ExxonMobil Recommended Operating Temperature*		Specifications and Approvals	Typical Applications
						Min °C	Max °C		
	Mobilgrease XHP™ 461, 462		Lithium Complex	460	1,2	-20	140	N/A	Multipurpose applications with heavier loads and slower speeds. Excellent water tolerance.
	Mobilgrease XHP™ 100 Mine		Lithium Complex	100	0	-30	140	N/A	Excellent mobility at very low temperatures, tacky and adhesive. Excellent water resistance. Equipment protection in high sliding mechanisms and heavy loads.
	Mobilgrease XHP™ 322 Mine		Lithium Complex	320	0,1,2	-20	140	N/A	Good mobility at very low temperatures, tacky and adhesive. Excellent water resistance. Equipment protection in high sliding mechanisms and heavy loads.
	Mobilgrease XHP 681 Mine		Lithium Complex	680	1	-10	140	Komatsu Mining	Slow-moving, heavily loaded bearings and bushings experiencing high loads and sliding mechanisms. Excellent water resistance.
	Mobilgear™ OGL 007		Lithium	460	00-0	-20	120	Bucyrus International SD4713, OGL	Heavily loaded slow to medium speed gearing.
	Mobilgear™ OGL 2800		Lithium	2800	0	0	100	N/A	Open gear application
	Mobilgear™ OGL 461		Lithium	460	1.5	-20	120	N/A	Heavily loaded slow to medium speed gearing.
	Mobilux™ EP 004		Lithium	150	00	-20	100	DIN 51826:2005-01 GP00G-20 SEW R32/302	Enclosed gears and bearings in poorly sealed gear cases.
	Mobilux™ EP 0		Lithium	150	0	-10	100	DIN 51826:2005-01 GP0G-10	General-purpose industrial grease.
	Mobilux™ EP 1, 2		Lithium	150	1,2	-20	120	1-DIN 51825:2004-06 KP1K-20 2-DIN 51825:2004-06 KP2K-20	General-purpose industrial grease.
	Mobilux™ EP 3		Lithium	150	3	-20	120	DIN 51825:2004-06 KP3K-20	General-purpose industrial grease.
	Mobil Polyrex™ EM		Polyurea	115	2	-20	160	DIN 51825:2004-06 K2P-20	High temperatures and speeds. Long life. Provides low-noise performance, light loads.
	Mobil Polyrex™ EM 103		Polyurea	115	3	-10	160	N/A	High temperatures and speeds. Long life. For applications where antileak performance is needed such as vertically mounted motors.
	Mobilgrease™ FM 101, 222		Aluminium Complex	222-220	2	-20	120	DIN 51825:2004-06 KPF1/2K-20 Cincinnati Machine P-72/P-64	Multipurpose NSF H1 Grease, good resistance to water wash, good low temperature mobility
	Mobilgrease™ XTC		Lithium	680	1	-30	120	AGMA CG-1, AGMA CG-2	AGMA CG1/CG2 high-speed, flexible couplings.
	Unirex™ N2		Lithium Complex	113	2	-20	140	DIN   51825: 2004-06 K2N-20L ISO 6743-9: 2003 L-XBDHA 2	High temperatures and speeds.
	Unirex™ N3		Lithium Complex	113	3	-20	140	DIN   51825: 2004-06 K3N-20L	High temperatures and speeds.
	Unirex™ EP 2		Lithium Complex	220	2	-15	140	N/A	Applications with severe water contamination, in vehicle wheel bearings, non-critical centralized systems, as well as grid-type flexible couplings.
	Mobil Centaur™ XHP 221		Calcium Sulfonate	220	1.5	-20	140	KP1-2G-20	Heavily loaded and water saturated applications in the steel and paper mill environments, excellent high temperature oil bleed control and extreme-pressure protection
	Mobil Centaur™ XHP 461		Calcium Sulfonate	460	1.5	-20	140	DIN 51825:2004-06 - KPF 1 K-20	Heavily loaded and water saturated applications in the steel and paper mill environments, excellent high temperature oil bleed control and extreme-pressure protection
	Mobil Centaur™ XHP 462		Calcium Sulfonate	460	2	-20	140	N/A	Heavily loaded and water saturated applications in the steel and paper mill environments, excellent high temperature oil bleed control and extreme-pressure protection
	Mobil Polyrex™ 461 EP		Polyurea	460	1	-20	160	DIN   51825: 2004-06 KPF1P-20	Medium to slow speed moving plain or roller bearings exposed to high temperatures, severe load and shock loading - excellent pumpability in central grease systems.
	Mobil Infinitec™ 152		Lithium Complex	120	1.5	-30	150	N/A	Long-life, high-temperature performance for automotive wheel bearing and chassis application

\* Recommended operating temperature range based upon lab rig testing and field experience.