

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

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 Industrial Greases are contained in Product and Material Safety Data Sheets, obtainable from your local sales office or distributor.



| | | Thickener | Base Oil Viscosity @ 40°C | NLGI | ExxonMobil Recommend Operating Temperature Range Min (°C / °F)* Max (°C / °F)* | | Specifications and Approvals | Typical Applications |
|--|---|-----------------|---------------------------|-------|--|-----------|---|---|
| Mobil SHC Polyrex™ Series / Mobil SHC™ Series / Mobilith SHC™ Series / Mobiltemp SHC™ Series - Advanced Technology Architecture: Flagship | | | | | | | | |
| | Mobil SHC Polyrex 005 | Polyurea | 220 | 00 | -30/-22 | 170 / 338 | NSF H1 Registered, Kosher (Parve) DIN 51825:2004-06 GPF00K-30 | 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. |
| | Mobil SHC Polyrex 221, 222 | Polyurea | 220 | 1,2 | -30/-22 | 170 / 338 | NSF H1 Registered, Kosher (Parve) DIN 51825:2004-06 KPFFHC1P-30 | 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. |
| | Mobil SHC Polyrex 462 | Polyurea | 460 | 2 | -20/-4 | 170 / 338 | NSF H1 Registered, Kosher (Parve) DIN 51825:2004-06 KPFF2P-20 | Food processing, very high temperatures, long grease life for moderate loads, manufactured in a facility registered to the requirements of ISO 21469. |
| | Mobil SHC Grease EAL 101,102 | Lithium | 100 | 1,2 | -40/-40 | 120 / 248 | DIN 51825:2004-06 KPE1K-40 | General purpose. Environmentally sensitive applications, biodegradable and non-toxic. |
| | Mobil SHC Grease 460 WT | Lithium Complex | 460 | 1.5 | -40/-40 | 140 / 284 | DIN 51825:2004-06 KPHC1-2N-40 | Wind Turbine pitch, main, and yaw bearings. |
| | Mobilith SHC 007 | Lithium Complex | 460 | 00 | -50/-58 | 150 / 302 | DIN 51826:2005-01 GPHC00K-30 | Slow speed gear boxes, poorly sealed gear cases. Non-driven wheel hubs. |
| | Mobilith SHC 100 | Lithium Complex | 100 | 2 | -40/-40 | 150 / 302 | DIN 51825:2004-06 KPHC2N-40 AAR-942, Cincinnati Machine P-73 | High-speed bearings. Electric motors. Wind turbine generators. |
| | Mobilith SHC 220 | Lithium Complex | 220 | 2 | -40/-40 | 150 / 302 | DIN 51825:2004-06 KPHC2N-30 | Multi-purpose, wide-temperature range. |
| | Mobilith SHC 221 | Lithium Complex | 220 | 1 | -40/-40 | 150 / 302 | AAR-942 | Multi-purpose, centralized grease systems. Wide-temperature range. Rail applications (by approval). |
| | Mobilith SHC 460 | Lithium Complex | 460 | 1.5 | -40/-40 | 150 / 302 | DIN 51825:2004-06 KPHC1-2N-40 | Heavy-duty applications experiencing slow speeds and heavy loads. Wide-temperature ranges. |
| | Mobilith SHC 1000 Special | Lithium Complex | 1000 | 1 | -30/-22 | 150 / 302 | DIN 51825:2004-06 KPFFHC2N-30 | Extreme heavy-duty service for slow, highly loaded bearings. High temperatures. |
| | Mobilith SHC 1500 | Lithium Complex | 1500 | 1.5 | -30/-22 | 150 / 302 | DIN 51825:2004-06 KPHC1-2N-30 | Extreme heavy-duty service for slow, highly loaded bearings. High temperatures. |
| | Mobilith SHC PM 220, 460 | Lithium Complex | 220,460 | 1.5 | -40/-40 | 150 / 302 | DIN 51825:2004-06 KPHC1-2N-40 | High-speed paper machines. Excellent wear and water protection. High temperatures. |
| | Mobil SHC PF 462 | PTFE | 460 | 2 | -20/-4 | 240 / 464 | | Extreme high temperatures. |
| | Mobiltemp SHC 32 | Clay | 32 | 1.5 | -50/-58 | 180 / 356 | DIN 51825:2004-06 KPHC1-2K-50 | High-speed spindle bearings, splines, screws, and machine tools operating in a wide-temperature range. |
| | Mobiltemp SHC 100 | Clay | 100 | 2 | -50/-58 | 180 / 356 | — | High-speed bearings and thrust bearings operating in a wide temperature range. Electric motors (by approval). |
| | Mobiltemp SHC 460 Special | Clay | 460 | 1 | -40/-40 | 180 / 356 | — | Sliding machine elements such as cams and ways, oven conveyor or kiln bearings with long relubrication interval. |
| Mobilgrease XHP™ Series - Premium Technology Architecture: Premium | | | | | | | | |
| | Mobilgrease XHP 005 | Lithium Complex | 220 | 00 | -20 / -4 | 140 / 284 | — | For centralized grease systems. Good low-temperature mobility. Poorly sealed gear cases. |
| | Mobilgrease XHP 220 | Lithium Complex | 220 | 0 | -20 / -4 | 140 / 284 | — | For centralized grease systems. Good low-temperature mobility. |
| | Mobilgrease XHP 221 | Lithium Complex | 220 | 1 | -20 / -4 | 140 / 284 | DIN 51825:2004-06 KP1N-20 | Multi-purpose. Excellent water resistance. Automotive wheel bearings. |
| | Mobilgrease XHP 222 | Lithium Complex | 220 | 2 | -20 / -4 | 140 / 284 | DIN 51825:2004-06 KP2N-20 | Multi-purpose. Excellent water resistance. Automotive wheel bearings. |
| | Mobilgrease XHP 222 Special | Lithium Complex | 220 | 2 | -20 / -4 | 140 / 284 | — | Lube points with sliding and pivoting movements. Excellent water resistance. |
| | Mobilgrease XHP 223 | Lithium Complex | 220 | 3 | -10 / 14 | 140 / 284 | — | For severe applications where anti-leakage peoperties are needed. |
| | Mobilgrease XHP 100 Mine | Lithium Complex | 100 | 0 | -30 / -22 | 140 / 284 | — | Excellent mobility at very low temperatures, tacky and adhesive. Excellent water resistance. Equipment protection in high sliding mechanisms and heavy loads. |
| | Mobilgrease XHP 320, 321, 322 Mine | Lithium Complex | 320 | 0,1,2 | -20 / -4 | 140 / 284 | — | 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 / 14 | 140 / 284 | — | Slow-moving, heavily loaded bearings and bushings experiencing high loads and sliding mechanisms. Excellent water resistance. |
| | Mobilgrease XHP 461, 462 | Lithium Complex | 460 | 1,2 | -20 / -4 | 140 / 284 | DIN 51825:2004-06 KP1N-20L | Multi-purpose applications with heavier loads and slower speeds. Excellent water tolerance. |
| | Mobilgrease XHP 462 Moly | Lithium Complex | 460 | 2 | -20 / -4 | 140 / 284 | — | — |

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| Industry Icon Key | Manufacturing & Assembly Couplings | Construction & Mining Cement | Electric Fan Bearing Wind | Electric Motor Bearing Spindle Bearing | Heavy Commercial Vehicles Automotive | Steel & Aluminum Food Machinery | Paper & Pulp Gears | Environmentally Aware Railroad | Open Gears Mining Shovels |
|--------------------------|---------------------------------------|---------------------------------|------------------------------|---|---|------------------------------------|-----------------------|-----------------------------------|------------------------------|

| | | | Thickener | Base Oil Viscosity @ 40°C | NLGI | ExxonMobil Recommend Operating Temperature Range Min (°C / °F)* Max (°C / °F)* | | Specifications and Approvals | Typical Applications |
|---|--|----------------------------------|-----------------|---------------------------|------|---|------------|---|--|
| Dynageartm Series / Mobilgeartm OGL Series - Open Gear Greases Architecture: Premium | | | | | | | | | |
| | | Dynageartm 600 SL | Lithium | 440 | 1 | -37 / -35 | 10 / 50 ** | Meets the requirements of Marion | Heavily loaded gear-sets found in the mining industry. Excellent pumpability and tenacious film over a wide-temperature range. Solvent free. |
| | | Dynageartm 800 Extra | Lithium | 780 | 00.5 | -40 / -40 | 10 / 40 ** | Bucyrus International SD4713, P&H Shovels 464 OGL | Heavily loaded gear-sets found in the mining industry. Excellent pumpability and tenacious film over a wide-temperature range. Solvent free. |
| | | Dynageartm 2000 | Lithium | 2000 | 0 | -20 / -4 | 45 ** | Bucyrus International SD4713, OGL | Heavily loaded gear-sets found in the mining industry. Excellent pumpability and tenacious film over a wide-temperature range. Solvent free. |
| | | Dynageartm 4000 | Lithium | 4000 | 00.5 | -10 / 14 | 35 / 55 ** | Bucyrus International SD4713, OGL | Heavily loaded gear-sets found in the mining industry. Excellent pumpability and tenacious film over a wide-temperature range. Solvent free. |
| | | Mobilgeartm OGL 007 | Lithium | 460 | 00 | -20 / -4 | 120 / 248 | — | Heavily loaded slow to medium speed gearing. |
| | | Mobilgeartm OGL 009 | Lithium | 680 | 00 | -20 / -4 | 120 / 248 | — | Heavily loaded slow to medium speed gearing. |
| | | Mobilgeartm OGL 461 | Lithium | 460 | 1 | -20 / -4 | 120 / 248 | — | Heavily loaded slow to medium speed gearing. |
| Mobiluxtm EP Series - General Purpose Architecture: Standard | | | | | | | | | |
| | | Mobilux EP 111 | Lithium | — | 1 | -10 / 14 | 120 / 248 | AGMA CG-3 | AGMA CG-3 type couplings. |
| | | Mobilux EP 023 | Lithium | 320 | 000 | -20 / -4 | 100 / 212 | DIN 51826:2005-01 GP000G-20 | Enclosed gears and bearings in poorly sealed gear cases. |
| | | Mobilux EP 004 | Lithium | 150 | 00 | -20 / -4 | 100 / 212 | DIN 51826:2005-01 GP00G-20 SEW R32 / 302 | Enclosed gears and bearings in poorly sealed gear cases. |
| | | Mobilux EP 0 | Lithium | 150 | 0 | -20 / -4 | 100 / 212 | DIN 51826:2005-01 GP0G-20 | General purpose industrial grease. |
| | | Mobilux EP 1, 2 | Lithium | 150 | 1,2 | -30 / -22 | 120 / 248 | DIN 51825:2004-06 KP1K-30 | General purpose industrial grease. |
| | | Mobilux EP 3 | Lithium | 150 | 3 | -20 / -4 | 120 / 248 | DIN 51825:2004-06 KP3K-20 | General purpose industrial grease. |
| Speciality Products - Targeted performance Architecture: Premium | | | | | | | | | |
| | | Mobil Polyrextm EM | Polyurea | 100 | 2 | -20 / -4 | 160 / 320 | DIN 51825:2004-06 K2P-20 | High temperatures and speeds. Long life. Provides low-noise performance, light loads. |
| | | Mobil Polyrextm EM 103 | Polyurea | 100 | 3 | -10 / 14 | 160 / 320 | — | High temperatures and speeds. Long life. For applications where anti-leak performance is needed such as vertically mounted motors. |
| | | Mobil Polyrextm EP 2 | Polyurea | 100 | 2 | -40 / -40 | 175 / 347 | — | Multi-purpose, long life. High temperature applications. |
| | | Mobilgreasetm FM 101, 222 | Al-Complex | 100 | 1,2 | -20 / -4 | 120 / 248 | NSF H1 Registered, Kosher (Parve), Halal DIN 51825:2004-06 KPF1K-20 | Multi-purpose NSF H1 Grease, good resistance to water wash, good low temperature mobility. |
| | | Mobilgreasetm XTC | Lithium | 680 | 1 | -30 / -22 | 120 / 248 | AGMA CG-1, AGMA CG-2 | AGMA CG1/CG2 high-speed, flexible couplings. |
| | | Mobiltemp™ 1, 2 | Clay | 460 | 1,2 | 0 / 32 | 170 / 338 | — | Low speed and high temperatures, or under cycling conditions from ambient to high temperatures. |
| | | Mobiltemp 78 | Clay | 460 | 1 | 0 / 32 | 170 / 338 | — | Low speed and high temperatures, or under cycling conditions from ambient to high temperatures. |
| | | Unirextm N2 | Lithium Complex | 100 | 2 | -30 / -22 | 140 / 284 | DIN 51825:2004-06 K2N-30L ISO 6743-9: 2003 L-XBDHA 2 | High temperatures and speeds. |
| | | Unirextm N3 | Lithium Complex | 100 | 3 | -20 / -4 | 140 / 284 | DIN 51825:2004-06 K3N-20 ISO 6743-9: 2003 L-XBDHA 3 | High temperatures and speeds. |
| | | Ronextm MP | Lithium Complex | 150 | 2 | -30 / -22 | 120 / 248 | NLGI GC/LB; Timken 14.2 | Multi-purpose industrial and automotive applications. |

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|--------------------------|---------------------------------------|---------------------------------|------------------------------|---|---|------------------------------------|-----------------------|-----------------------------------|------------------------------|

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

* Recommended operating temperature range based upon lab rig testing and field experience.
** Varies based upon application conditions.

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 XXX-XXX-XXXX. Also visit mobilindustrial.com.

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