

Application	Product Name	TBN mgKOH/g	Viscosity Grade SAE	ISO	Kinematic Viscosity cSt at 40C	Viscosity cSt at 100C	Viscosity Index (VI)	Pour Point deg. C	Flash Point deg. C	Specific Gravity	Product Characteristics/Applications
Mineral Lubricants											
Crosshead Diesel Cylinder Oils	MOBILGARD 570	70	50	—	229	21	104	-9	256	0.937	Wide fuel sulfur capability, reduced ring and liner wear.
	MOBILGARD L540	40	50	—	236	21	105	-6	264	0.917	For use in a low sulphur heavy fuel (HFO) environment.
Crosshead Diesel System Oil	MOBILGARD 300	5	30	—	111	12	97	-12	266	0.889	Water separation, thermal and oxidation stability, detergency and rust protection.
Trunk Piston Engine Oils	MOBILGARD 450	13.5	40	—	145	14.5	98	-7	260	0.894	Zinc-free lubricant for heavily loaded diesel engines.
	MOBILGARD 450 NC	13	40	—	139	14.1	98	-6	260	0.897	Non-zinc, non-chlorine lubricant specifically formulated to meet requirements of diesel engines manufactured by EMD using distillate fuels.
	MOBILGARD 312	15	30	—	108	12	100	-9	266	0.896	Medium- and high-speed diesel engines burning distillate fuels.
	MOBILGARD 412	15	40	—	142	14.5	100	-9	272	0.899	
	MOBILGARD 512	15	50	—	219	19.4	100	-9	282	0.894	Running-in oil (rings, liners) for crosshead diesel engines.
	MOBILGARD ADL 30	15	30	—	108	12	100	-12	246	0.900	High BMEP medium- and high-speed engines.
	MOBILGARD ADL 40	15	40	—	141	14.5	101	-9	244	0.901	Increased dispersancy, reduced liner lacquering.
	MOBILGARD M330	30	30	—	112	12.0	—	-6	244	0.907	Medium-speed diesel engines burning residual fuel.
	MOBILGARD M430	30	40	—	143	14.0	—	-6	250	0.907	Excellent lube-fuel compatibility, reduced sludge and deposits.
	MOBILGARD M340	40	30	—	113	12.0	—	-6	240	0.915	
	MOBILGARD M440	40	40	—	143	14.0	—	-6	242	0.915	
	MOBILGARD M50	50	40	—	142	14.0	—	-6	228	0.922	
MOBILGARD HSD	10	15W-40	—	103	14.2	140	-33	228	0.885	For high-speed diesel engines, excellent for cold-starting, multi-grade oil.	
Hydraulic Oils	MOBIL DTE 11M	—	—	15	15	3.7	140	-42	188	0.859	Wide temperature anti-wear hydraulic oils. Suitable for all deck applications.
	MOBIL DTE 13M	—	—	32	32	6.1	141	-45	210	0.874	
	MOBIL DTE 15M	—	—	46	46	7.9	141	-42	216	0.879	
	MOBIL DTE 16M	—	—	68	68	10	131	-45	218	0.884	
	MOBIL DTE 18M	—	—	100	100	12.8	124	-37	228	0.888	
	MOBIL DTE 19M	—	—	150	150	16.5	118	-36	268	0.892	
Circulating Oils	MOBIL DTE OIL LIGHT	—	—	32	31	5.5	102	-36	218	0.850	Thermal/oxidation stability, demulsibility, rust prevention, anti-foaming properties.
	MOBIL DTE OIL HVY MED.	—	—	68	65.1	8.7	95	-27	223	0.870	
	MOBIL DTE OIL HEAVY	—	—	100	95.1	10.9	92	-24	237	0.880	
	MOBIL DTE OIL EXTRA HVY	—	—	150	146	14.4	96	-21	272	0.890	
	MOBIL DTE OIL BB	—	—	220	218	18.8	96	-18	284	0.890	
Gear Oils	MOBILGEAR 626	—	—	68	68	9.2	98	-27	225	0.890	Enclosed gear applications. Excellent load carrying ability, rust and metal corrosion protection.
	MOBILGEAR 627	—	—	100	100	12	98	-27	235	0.890	
	MOBILGEAR 629	—	—	150	150	15.8	98	-27	245	0.890	
	MOBILGEAR 630	—	—	220	220	19.5	98	-24	255	0.890	
	MOBILGEAR 632	—	—	320	320	24.5	97	-18	265	0.890	
	MOBILGEAR 634	—	—	460	460	29.9	96	-12	275	0.890	
	MOBILGEAR 636	—	—	680	680	39.2	90	-9	285	0.910	
Refrigeration Oil	GARGOYLE ARCTIC OIL 300	—	—	68	68	—	—	-42	200	0.910	For cylinders and bearings of reciprocating compressors, low wax, low pour point.
Air Compressor Oil	MOBIL RARUS 427	—	—	—	81	9.9	95	-9	240	0.878	For single, two or multi-stage reciprocating compressors. Not for breathing apparatus compressors.
Cedervall Type Stern Tube Lubricant	MOBIL STERN TUBE LUBR.	—	—	—	385	24	82	10, max	246	0.915	For Cedervall type stern tubes. Emulsifies with water.

Refrigeration Oil	MOBILGEAR 636	—	—	680	680	39.2	90	-9	285	0.910	For cylinders and bearings of reciprocating compressors, low wax, low pour point.
Air Compressor Oil	MOBIL RARUS 427	—	—	—	81	9.9	95	-9	240	0.878	For single, two or multi-stage reciprocating compressors. Not for breathing apparatus compressors.
Cedervall Type Stern Tube Lubricant	MOBIL STERN TUBE LUBR.	—	—	—	385	24	82	10, max	246	0.915	For Cedervall type stern tubes. Emulsifies with water.
Wire Ropes & Chains	MOBILARMA 798	Grease-like Rust Preventive, -35 deg. C – 60 deg. C working range, Viscosity 23.1 cSt (100 deg. C), Drop Point 63 deg. C									
Grease	MOBILUX EP 2 MOBILGREASE XHP222	Lithium Hydroxosteavate-based FCP Grease, NLGI No. 2, Multi-purpose Grease, Worked Penetration @ 25 deg. C 280, Dropping Point 280 deg. C Lithium Complex E.P. Grease, NLGI No. 2, High-temperature performance, Worked Penetration @ 25 deg. C 280, Dropping Point 260 deg. C									
Open Gear Systems	MOBILTAC 375 NC	Non-chlorinated diluent-type lubricant for slow-moving heavily loaded open gears. Resistant to rain, snow and water-washing.									
Heat Transfer Oils	MOBILTHERM 603/605	High-performance heat transfer oils are for use in closed indirect-heating installations.									

Synthetic Lubricants

Trunk Piston Engine Oils	MOBILGARD 1 SHC	15	20W-40	—	109	14.5	136	-54	250	0.872	Low-chlorine, zinc-free oil for medium- and high-speed diesel engines. Excellent cold-starting properties. Good for marine gear applications. For high-speed diesel and gasoline fueled engines. Reliable cold-starting for lifeboats, emergency generators and similar engines.
	DELVAC 1 SHC	16	5W-40	—	93	14.5	172	-54	226	—	
	DELVAC 1	12	5W-40	—	102	14.8	151	-45	226	0.854	
Air Compressor Oils	MOBIL RARUS 827	—	—	100	107	10.1	66	-36	270	0.958	Synthetic di-ester lubricants for reciprocating air compressors with high discharge temperatures. Rotary air compressor lubricant. Superior thermal and oxidation stability. Low tendency for coking and residues. Rotary air compressor and turbocharger lubricant. Approved by ABB Turbo Systems.
	MOBIL RARUS 829	—	—	150	158	13.2	70	-29	221	0.972	
	MOBIL RARUS SHC 1024	—	—	32	31.5	5.7	127	-39	245	0.846	
	MOBIL RARUS SHC 1025	—	—	46	44	7.2	131	-39	246	0.849	
	MOBIL RARUS SHC 1026	—	—	68	66.6	10.1	136	-39	246	0.856	
Gas Compressor Oil	GAS COMPRESSOR OIL	—	—	—	175	32.3	230	-36	294	1.056	Oil for cargo compressors of LPG/LNG product carriers.
Refrigeration Compressor Oils	GARGOYLE ARCTIC SHC 226E	—	—	68	68	10.2	136	-45	266	0.83	For reciprocating and rotary refr. compressors. Wax-free, high V.I. Reduced deposits due to high-temperature stability. Oils for use with CFC-free refrigerants.
	GARGOYLE ARCTIC SHC 230	—	—	220	220	25	149	-39	260	0.85	
	EAL ARCTIC 32	—	—	32	34.2	5.8	115	-48	236	0.980	
	EAL ARCTIC 46	—	—	46	49.2	7.3	115	-42	236	0.970	
	EAL ARCTIC 68	—	—	68	68	8.7	95	-36	230	0.960	
Gear Oils	MOBIL SHC 626	—	—	68	70	10.9	146	-48	236	0.86	High V.I. gear oils, suitable also for purifier gearboxes and wormgears. E.P. oil for enclosed gear, heavy load applications at wide temperature ranges.
	MOBIL SHC 629	—	—	150	143	18.3	144	-45	228	0.86	
	MOBIL SHC 630	—	—	220	216	25.2	152	-39	235	0.87	
	MOBIL SHC 632	—	—	320	326	38.6	169	-39	250	0.87	
	MOBIL SHC 634	—	—	460	430	48.5	173	-42	262	0.87	
	MOBILGEAR SHC 220	—	—	220	220	26	150	-36	232	0.87	
	MOBILGEAR SHC 320	—	—	320	320	35	155	-33	238	0.88	
Hydraulic Oils	MOBIL SHC 524	—	—	32	32	6.4	144	-54	234	0.852	Naturally high V.I. anti-wear hydraulic oils, wax-free for severe running conditions and wide temperature ranges.
	MOBIL SHC 525	—	—	46	46	8.5	154	-54	238	0.851	
	MOBIL SHC 526	—	—	68	68	11.5	158	-42	216	0.853	
Gas Turbine Oils	MOBIL JET OIL II	—	—	—	27.6	5.1	—	-59	270	1.0035	Aero derivative gas turbine oil which meets MIL-PRF-23699-STD.
	MOBIL SHC 824	—	—	32	31.5	5.9	135	<-54	248	0.83	Designed for most demanding marine and industrial turbine applications.
Grease	MOBILITH SHC 460	Multi-purpose E.P. Grease, Lithium based, NLGI 1.5, Worked Penetration @ 25 deg. C 305, Dropping Point 260 deg. C									

Due to continual product research and development, the information contained herein is subject to change without notification. Typical properties may vary slightly. Please contact your local ExxonMobil Marine Lubricants representative for additional information.