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ExxonMobil
Marine Lubricants

Mineral and Synthetic Lubricants Summary

FOLD →



A quick
review of our
world-class
products

ExxonMobil
Marine Lubricants

EIMML-PSK-1207

Application	Product Name	TBN mgKOH/g	Viscosity Grade SAE	ISO	Kinematic Viscosity cSt at 40°C	Viscosity cSt at 100°C	Viscosity Index (VI)	Pour Point °C	Flash Point °C	Specific Gravity	Product Characteristics/Applications
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Mineral Lubricants

Crosshead Diesel Cylinder Oils	MOBILGARD 570	70	50	—	229	21	104	-9	256	0.937	Wide fuel sulphur capability, reduced ring and liner wear. For use in a low-sulphur heavy fuel oil (HFO) application.
	MOBILGARD L540	40	50	—	236	21	105	-6	264	0.917	
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 NC	13	40	—	139	14.1	98	-6	260	0.897	Non-zinc, non-chlorine lubricant specifically formulated to meet requirements of EMD engines 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 ADL 30	15	30	—	108	12	100	-12	246	0.900	High BMEP medium- and high-speed engines. Increased dispersancy, reduced liner lacquering.
	MOBILGARD ADL 40	15	40	—	141	14.5	101	-9	244	0.901	
	MOBIL DELVAC 1640	12	40	—	132	14.7	112	-21	256	0.890	Medium-speed diesel engines burning residual fuel. Excellent lube-fuel compatibility, reduced sludge and deposits.
	MOBILGARD M330	30	30	—	112	12.0	—	-6	244	0.907	
	MOBILGARD M430	30	40	—	143	14.0	—	-6	250	0.907	
	MOBILGARD M440	40	40	—	143	14.0	—	-6	242	0.915	
	MOBILGARD M50	50	40	—	142	14.0	—	-6	228	0.922	
MOBIL DELVAC MX 15W-40	10	15W-40	—	105	14.2	138	-33	215	0.880	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	Premium anti-wear hydraulic oil.
	MOBIL DTE 18M	—	—	100	100	12.8	124	-37	228	0.888	
	MOBIL DTE 19M	—	—	150	150	16.5	118	-36	268	0.892	
	MOBIL DTE 25	—	—	46	44.2	6.65	98	-27	232	0.876	
Circulating Oils	MOBIL DTE OIL LIGHT	—	—	32	31	5.5	102	-36	218	0.850	Circulating oils with high thermal/oxidation stability, demulsifiers, rust preventatives and 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 VACUOLINE 528	—	—	150	146	14.4	96	-21	272	0.890	
	MOBIL VACUOLINE 533	—	—	220	218	18.8	96	-18	284	0.890	
Gear Oils	MOBILGEAR 600 XP 68	—	—	68	68	8.8	101	-27	230	0.880	Enclosed gear applications. Excellent load carrying ability, rust and metal corrosion protection.
	MOBILGEAR 600 XP 100	—	—	100	100	11.2	97	-24	230	0.880	
	MOBILGEAR 600 XP 150	—	—	150	150	14.7	97	-24	230	0.890	
	MOBILGEAR 600 XP 220	—	—	220	220	19.0	97	-24	240	0.890	
	MOBILGEAR 600 XP 320	—	—	320	320	24.1	97	-24	240	0.900	
	MOBILGEAR 600 XP 460	—	—	460	460	30.6	96	-15	240	0.900	
	MOBIL RARUS 427	—	—	—	81	9.9	95	-9	240	0.878	
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.
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	MOBILGREASE XHP 222	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 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.
	DELVAC 1 SHC 5W-40	16	5W-40	—	93	14.5	172	-54	226	—	For high-speed engines. Reliable cold-starting for lifeboats, emergency generators and similar engines.
	DELVAC 1 5W-40	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	0.830	For reciprocating and rotary refr. compressors. Wax-free, high V.I. Reduced deposits due to high-temperature stability.
	GARGOYLE ARCTIC SHC 230	—	—	220	220	25	149	-39	260	0.850	
	EAL ARCTIC 32	—	—	32	34.2	5.8	115	-48	236	0.980	Oils for use with CFC-free refrigerants.
	EAL ARCTIC 68	—	—	68	68	8.7	95	-36	230	0.960	
	MOBIL ZERICE S 68	—	—	68	68	6.5	—	-27	174	0.8679	Alkyl benzenes lubricants for refr. compressors using R22, R502, and R12, especially effective at low temps.
MOBIL ZERICE S 100	—	—	100	100	8.0	—	-27	186	0.8705		
Gear Oils	MOBIL SHC 626	—	—	68	70	10.9	146	-48	236	0.860	High V.I. gear oils, suitable also for purifier gearboxes and wormgears.
	MOBIL SHC 629	—	—	150	143	18.3	144	-45	228	0.860	
	MOBIL SHC 630	—	—	220	216	25.2	152	-42	235	0.870	E.P. oil for enclosed gear, heavy load applications at wide temperature ranges.
	MOBIL SHC 632	—	—	320	326	38.6	169	-39	250	0.870	
	MOBIL SHC 634	—	—	460	430	48.5	173	-42	262	0.870	
	MOBILGEAR SHC 220	—	—	220	220	26	150	-36	232	0.870	
	MOBILGEAR SHC 320	—	—	320	320	35	155	-33	238	0.880	
	MOBILGEAR SHC MT 68	—	—	68	68	10.8	149	-51	240	0.855	
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.
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.