



LUBRICANTS FOR MARINE APPLICATIONS

Product Catalogue

For over 20 years, **Maxpro1** had been providing lubricating solutions to meet the industry needs, as well as for specific customers' requirements. The ever-increasing performance adjustments and satisfying environmental concerns such as sustainable production, were some of the constant challenges. Our investments in research and development have borne fruits. Today, we are proud of our expertise in producing unique and leading-edge products for the global market.



PRODUCT NAME	PRODUCT DESCRIPTION	SAE GRADE	VISCOSITY, mm ² /s @		BASE NUMBER mg/KOH/g	FLASH POINT °C	POUR POINT °C	DENSITY, kg/m ³ @ 15°C
			40°C	100°C				
LOW-SPEED ENGINES								
MaxPro1 MX 5040	Cylinder oil for low-speed, two-stroke diesel engines. Suitable for use with engines burning low-sulphur and distillate fuels with up to 2.0% sulphur. Viscosity index >95	50	214.4	19.2	40	>245	-9	915
MaxPro1 MX 5070	Cylinder oil for low-speed, two-stroke diesel engines running under conditions of high stress. Suitable for use with engines burning residual fuel with sulphur levels up to 3.5%. Viscosity index >95	50	219.5	19.5	70	>245	<-6	920
MaxPro1 MX 5100	Cylinder oil meets the demanding requirements of newer low-speed, 2-stroke marine engines running on residual fuels of up to 3.5% sulphur, especially during slow steaming conditions.	50	246.6	20.8	100	>245	<-6	930
MEDIUM-SPEED ENGINES								
MaxPro1 MX 3030	Lubricant for highly rated, medium-speed diesel engines operating on residual fuel under moderate oil stress conditions	30	106.9	11.8	30	238	-15	890
MaxPro1 MX 4030	Lubricant for highly rated, medium-speed diesel engines operating on residual fuel under moderate oil stress conditions	40	148.9	14.6	30	240	-15	896
MaxPro1 MX 3040	Lubricant for highly rated, medium-speed diesel engines operating on residual fuel under high oil stress conditions	30	110.7	12	40	244	-15	895
MaxPro1 MX 4040	Lubricant for highly rated, medium-speed diesel engines operating on residual fuel under high oil stress conditions	40	151.8	14.8	40	248	-15	898
MaxPro1 MX 3012	Lubricant for medium-speed, marine diesel engines operating on distillate fuels	30	104.8	11.6	12	230	-18	890
MaxPro1 MX 4012	Lubricant for medium-speed, marine diesel engines operating on distillate fuels	40	147	14.5	12	232	-15	891
MaxPro1 MX 3015	Advanced lubricant for medium-speed, marine diesel engines operating on distillate fuels and where liner lacquering is a potential problem	30	95	11.4	15	>200	-18	893
MaxPro1 MX 4015	Advanced lubricant for medium-speed, marine diesel engines operating on distillate fuels and where liner lacquering is a potential problem	40	140	14.3	15	>200	-15	900
SYSTEM OILS								
MaxPro1 MX 306	Designed for modern highly rated low speed crosshead marine engines including those employing system oil for piston cooling and common hydraulic systems.	30	104	11.6	6	225	-15	897

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			40°C	100°C				
HIGH-SPEED ENGINES								
MaxPro1 D3000	Monograde, heavy- duty diesel engine oil	30	-	11	8.1	>194	-12	879
MaxPro1 D3000	Monograde, heavy- duty diesel engine oil	40	-	14.5	8.1	>205	-12	881
MaxPro1 D7000	Low- emissions, multigrade, heavy- duty diesel engine oil	15W-40	111.8	14.9	9.2	>230	-33	880
MaxPro1 D8000	Low- emissions, multigrade, heavy- duty diesel engine oil	15W-40	118	15.5	10.6	227	-33	883
MaxPro1 ULTRA	Multigrade, heavy- duty diesel engine oil	15W-40	111.8	14.9	9.2	>230	-33	870
MaxPro1 D8000 SYN	Maintenance saving – fully synthetic, heavy- duty diesel engine oil	10W-40	98	14.5	12.8	>230	-39	860
HYDRAULIC SYSTEMS								
MaxPro1 AW 10	Excellent anti- wear hydraulic lubricant	10	9.5	2.42	-	146	-39	890
MaxPro1 AW 15	Excellent anti- wear hydraulic lubricant	15	15	3.51	-	190	-30	840
MaxPro1 AW 22	Excellent anti- wear hydraulic lubricant	22	22	4.36	-	205	-24	860
MaxPro1 AW 32	Excellent anti- wear hydraulic lubricant	32	32	5.42	-	215	-30	870
MaxPro1 AW 46	Excellent anti- wear hydraulic lubricant	46	46	6.87	-	220	-30	880
MaxPro1 AW 68	Excellent anti- wear hydraulic lubricant	68	68	8.89	-	225	-24	880
MaxPro1 AW 100	Excellent anti- wear hydraulic lubricant	100	100	11.42	-	230	-21	887
MaxPro1 AW 150	Excellent anti- wear hydraulic lubricant	150	150	14.13	-	230	-21	893
MaxPro1 HYFLOW HV 15	Premium HVI hydraulic lubricant for wide temperature ranges	15	15	3.83	-	>150	-48	871
MaxPro1 HYFLOW HV 32	Premium HVI hydraulic lubricant for wide temperature ranges	32	32	6.3	-	>190	-39	872
MaxPro1 HYFLOW HV 46	Premium HVI hydraulic lubricant for wide temperature ranges	46	46	8.1	-	>190	-36	872
MaxPro1 HYFLOW HV 68	Premium HVI hydraulic lubricant for wide temperature ranges	68	68	10.4	-	>190	-39	877
MaxPro1 HYFLOW HV 100	Premium HVI hydraulic lubricant for wide temperature ranges	100	100	13.91	-	>190	-36	889
MaxPro1 HYFLOW HV 150	Premium HVI hydraulic lubricant for wide temperature ranges	150	150	17.7	-	>150	-30	890

PRODUCT NAME	PRODUCT DESCRIPTION	SAE / ISO VG GRADE	VISCOSITY, mm ² /s @		BASE NUMBER mg/KOH/g	FLASH POINT °C	POUR POINT °C	DENSITY, kg/m ³ @ 15°C
			40°C	100°C				
GEAR SYSTEMS								
MaxPro1 ING 68	Extreme- pressure lubricant for highly loaded enclosed gears and bearings	68	68	8.7	–	193	–27	880
MaxPro1 ING 100	Extreme- pressure lubricant for highly loaded enclosed gears and bearings	100	100	11.4	–	195	–27	880
MaxPro1 ING 150	Extreme- pressure lubricant for highly loaded enclosed gears and bearings	150	150	15.0	–	198	–21	884
MaxPro1 ING 220	Extreme- pressure lubricant for highly loaded enclosed gears and bearings	220	220	19.0	–	204	–18	900
MaxPro1 ING 320	Extreme- pressure lubricant for highly loaded enclosed gears and bearings	320	320	25.0	–	210	–15	903
MaxPro1 ING 460	Extreme- pressure lubricant for highly loaded enclosed gears and bearings	460	460	31.8	–	216	–9	897
AIR COMPRESSORS								
MaxPro1 COMP M 46	High- performance lubricant for rotary- screw air compressors	46	46	6.9	–	238	–30	873
MaxPro1 COMP M 68	High- performance lubricant for reciprocating air compressors	68	68	8.9	–	251	–24	877
MaxPro1 COMP M 100	High- performance lubricant for reciprocating air compressors	100	104.6	11.6	–	264	–21	879
MaxPro1 COMP M 150	High- performance lubricant for reciprocating air compressors	150	147.3	14.7	–	269	–15	880
REFRIGERATION COMPRESSORS								
MaxPro1 COMP R 15	Mineral refrigerator lubricant for use with ammonia, carbon dioxide or non- HFC refrigerants.	15	15	3.1	–	170	–45	886
MaxPro1 COMP R 32	Mineral refrigerator lubricant for use with ammonia, carbon dioxide or non- HFC refrigerants.	32	32	4.6	–	190	–42	890
MaxPro1 COMP R 46	Mineral refrigerator lubricant for use with ammonia, carbon dioxide or non- HFC refrigerants.	46	46	5.5	–	200	–36	897
MaxPro1 COMP R 68	Mineral refrigerator lubricant for use with ammonia, carbon dioxide or non- HFC refrigerants.	68	68	7.00	–	200	–36	900
MaxPro1 COMP R 100	Mineral refrigerator lubricant for use with ammonia, carbon dioxide or non- HFC refrigerants.	100	100	8.8	–	200	–36	910

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			40°C	100°C				
TURBINES								
MaxPro1 TURBINE 32	High-performance steam turbine oil	32	30.6	5.3	–	>215	-24	871
MaxPro1 TURBINE 46	High-performance steam turbine oil	46	45.7	6.7	–	>220	-21	874
MaxPro1 TURBINE 68	High-performance steam turbine oil	68	67.2	8.6	–	>230	-18	871
MaxPro1 TURBINE 100	High-performance steam turbine oil	100	97.5	11.0	–	>240	-18	881
TRANSMISSIONS								
MaxPro1 TM PLUS	High-performance GL-5 axle oil for general applications	80W-90	139.9	14.7	–	220	-27	883
MaxPro1 ATF	Advanced, synthetic technology, heavy-duty Dexron III-H automatic transmission fluid	–	36.7	7.03	–	205	-42	852
HEAT TRANSFER FLUIDS								
MaxPro1 HEATRANS 32	Premium quality heat transfer oil intended for use in closed indirect heating systems.	32	35.23	6.26	–	230	-24	847
PRODUCT NAME	PRODUCT DESCRIPTION	SAE / ISO VG GRADE	VISCOSITY, mm ² /s @		NLGI	BASE	DROPPING POINT (°C)	OPERATING TEMP (°C)
			40°C	100°C				
GREASES								
MaxPro1 DYNAMIC EP 0	High-performance, multipurpose, extreme-pressure grease	–	150	–	0	Lithium	180 min	- 20°C to + 130°C
MaxPro1 DYNAMIC EP 1	High-performance, multipurpose, extreme-pressure grease	–	150	–	1	Lithium	180 min	- 20°C to + 130°C
MaxPro1 DYNAMIC EP 2	High-performance, multipurpose, extreme-pressure grease	–	150	–	2	Lithium	180 min	- 20°C to + 130°C
MaxPro1 DYNAMIC COMPLEX 2	Top-performance, high-temperature, extreme-pressure multipurpose grease	–	150	–	2	Lithium Complex	260	- 20°C to + 160°C

FIND OUT MORE

For more information on our products or their applications, please contact your MaxPro1 representative or email to enquiry@maxpro1.com.sg

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