

MARINE LUBRICANTS

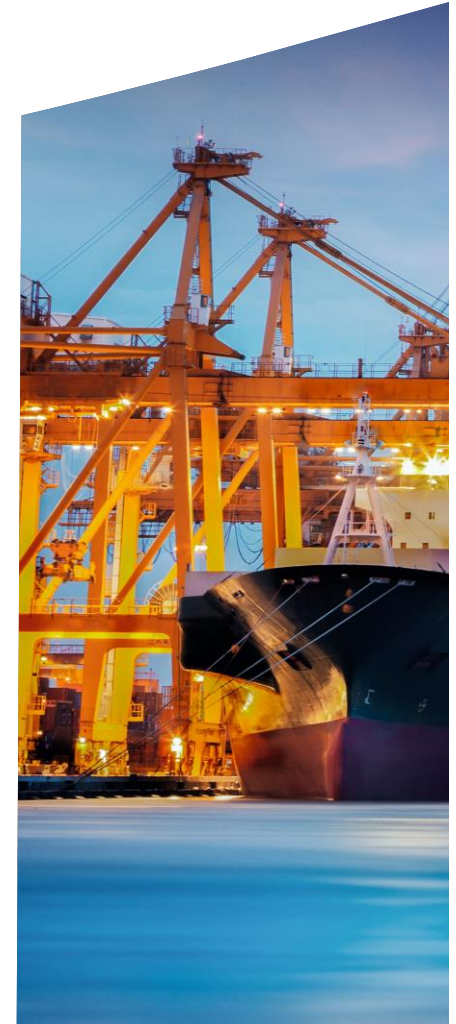
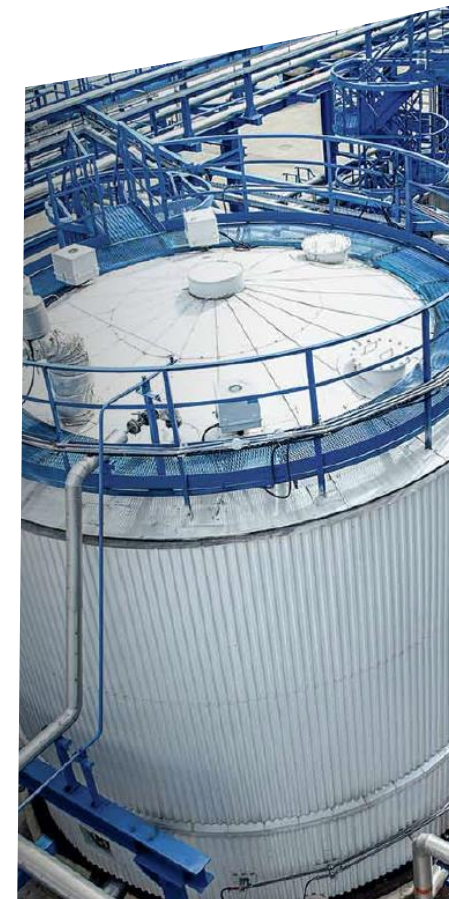
PRODUCT AND SERVICE PROFILE



Details



that
make
it work



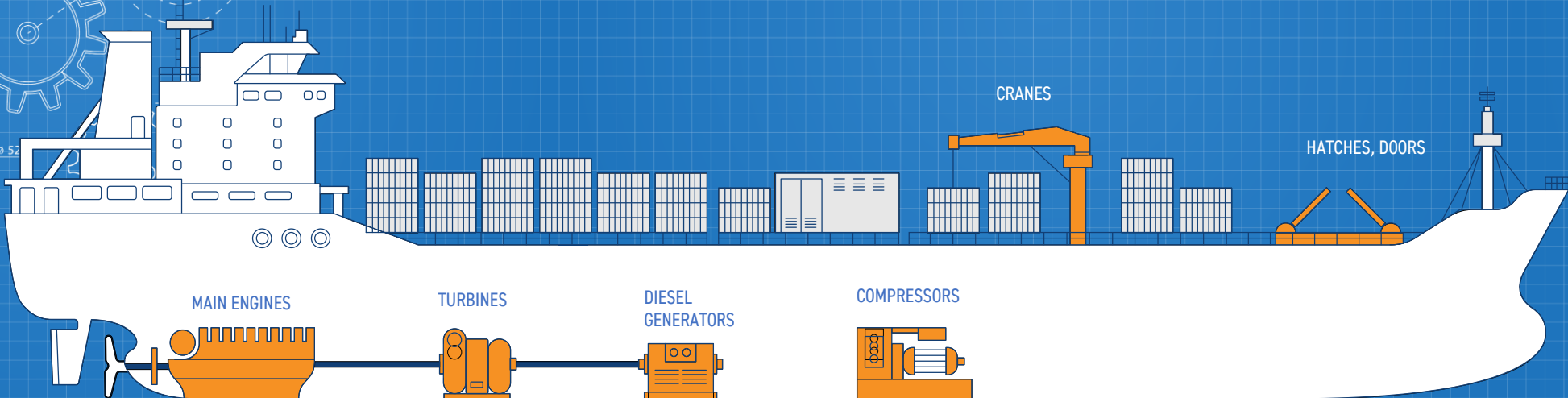
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MARINE LUBRICANTS

PRODUCT AND SERVICE PROFILE

WIDE PRODUCTS RANGE

THE MARINE PRODUCT RANGE INCLUDES OVER 40 ITEMS OF LUBRICANTS, GREASES AND TECHNICAL FLUIDS AND MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF KEY GLOBAL OEMS



FOR HIGH-SPEED ENGINES:
Diesel Premium
Diesel Prioritet

FOR MEDIUM-SPEED 4-STROKE ENGINES:
Ocean TPL Series

FOR LOW-SPEED 2-STROKE ENGINES:
Ocean CCL Series
Ocean CSO 7

TURBINE OILS
Turbine Oil

FOR AUX AND EMERGENCY
DIESEL GENERATORS:

Ocean TPL Series
Diesel Premium
Diesel Prioritet

COMPRESSORS:

Compressor S Synth
Series
Compressor DE Series
Compressor PAO Series

GEAR OILS:

Reductor CLP
Reductor PAO

HYDRAULIC OILS:
Hydraulic HVLP
Hydraulic XHVI
Hydraulic PAO

GREASES:

Grease L EP
Grease LM
Grease LX SY 1/2
Grease AC EP

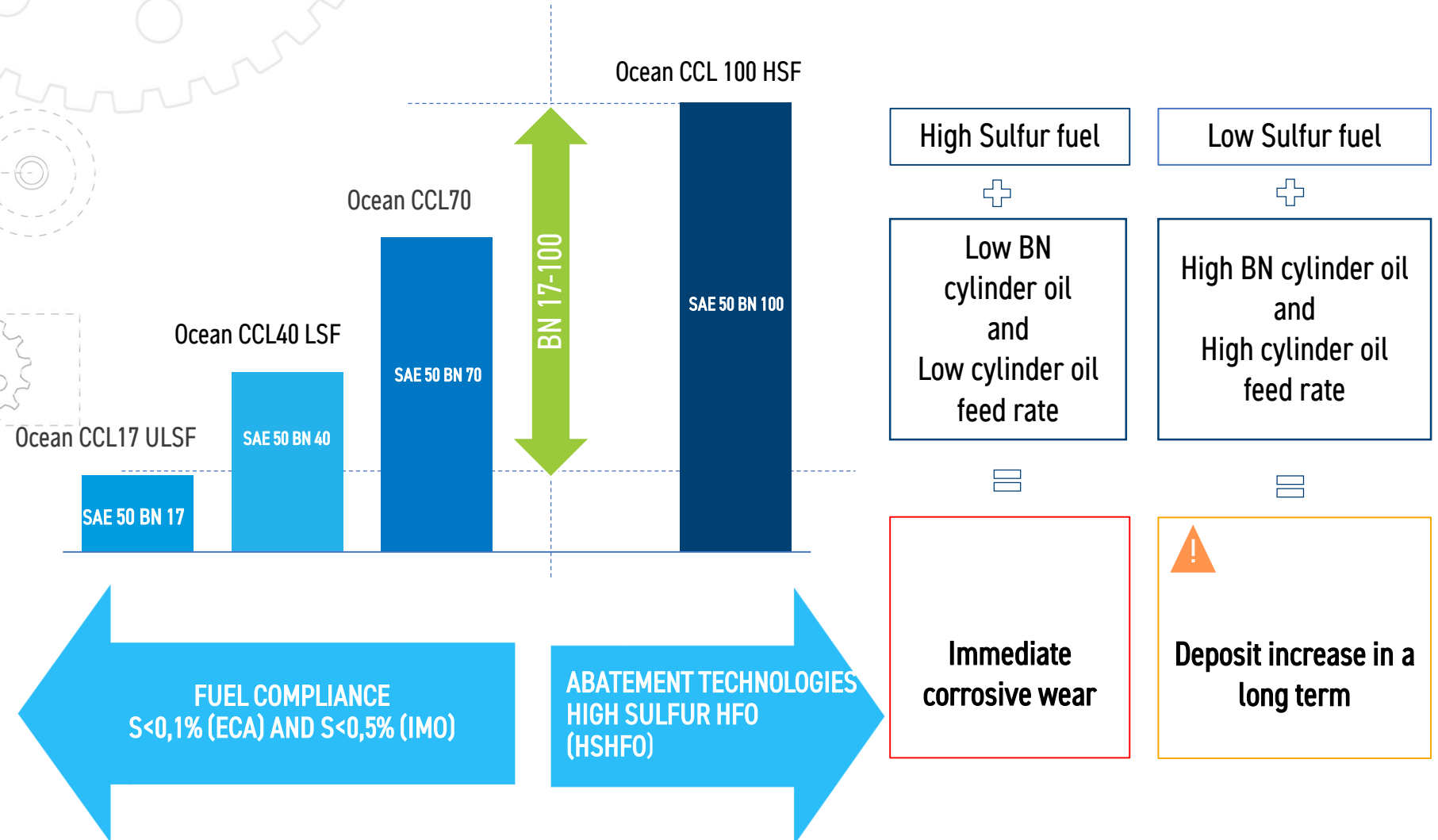
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PRODUCT AND SERVICE PROFILE

• WIDE PRODUCTS RANGE

OCEAN CYLINDER OILS WERE FORMULATED FOR CHANGING INDUSTRY



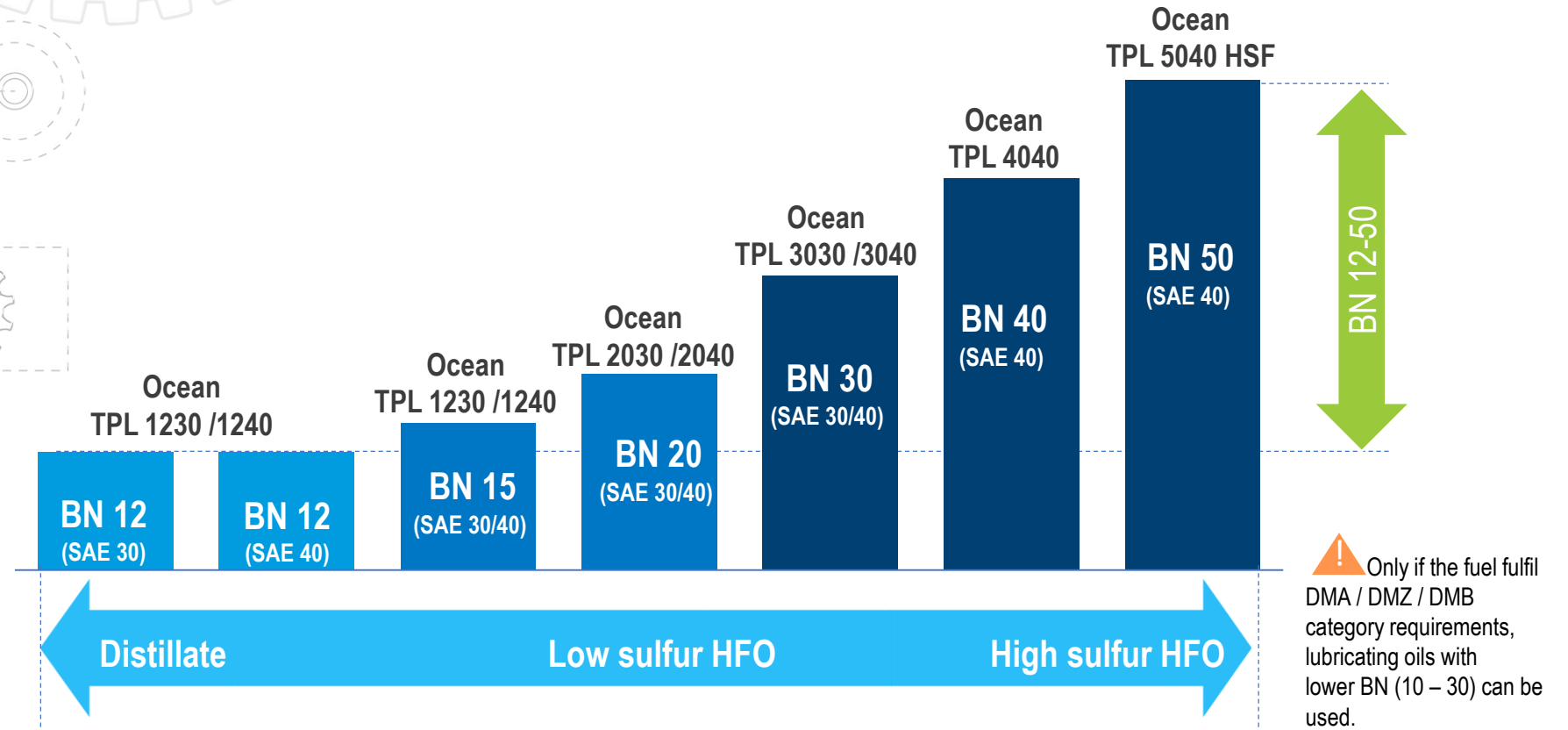
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PRODUCT AND SERVICE PROFILE

● WIDE PRODUCTS RANGE

REGULATION READY OCEAN TRUNK PISTON ENGINE OILS DELIVER
YOU CONFIDENCE OF RIGHT CHOICE



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WIDE PRODUCTS RANGE

OCEAN MARINE LUBRICANTS DETAILS THAT MAKE IT WORK

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	SAE or ISO VG	Density 20°C kg/l	Kinematic Viscosity mm ² /s (cSt) 40°C	Kinematic Viscosity mm ² /s (cSt) 100°C	Viscosity Index	Flash Point °C	Pour Point °C	Base No. (BN)	Product Description
TWO-STROKE ENGINE OILS									
• Ocean CCL17 ULSF	50	0.900	-	20.5	100	255	-15	17	Cylinder lubricant for 2-stroke marine diesel engines operating on all ultra-low and low sulfur fuels
• Ocean CCL 40 LSF	50	0.916	-	20.5	95	259	-15	40	Cylinder lubricant for 2-stroke marine diesel engines operating on low sulfur fuel
• Ocean CCL 70	50	0.933	-	20.5	101	250	-15	70	Cylinder lubricant for 2-stroke marine diesel engines operating on high sulfur fuel under very high mechanical and temperature loads and/or corrosive operating condition.
• Ocean CCL 100 HSF	50	0.951	-	20.5	107	249	-15	100	Quality cylinder lubricant for 2-stroke marine diesel engines operating on high sulfur fuel tackle corrosion, especially during engine operation in "slow steaming" mode
• Ocean CSO7	30	0.890	-	11.6	95	246	-12	7	Slow speed crosshead engines system oil
FOUR-STROKE ENGINE OILS									
• Ocean TPL 1230	30	0.892	-	11.8	96	235	-16	12	Engine oil with moderate alkalinity level for medium and high-speed trunk piston diesel engines operated on marine diesel oil with sulfur level up to 1.5%
• Ocean TPL 1240	40	0.895	-	13.5	97	250	-16	12	
• Ocean TPL 1530	30	0.894	-	11.8	96	240	-16	15	
• Ocean TPL 1540	40	0.894	-	13.5	97	245	-16	15	
• Ocean TPL 2030	30	0.896	-	11.8	97	230	-16	20	Engine oil developed for use in medium-speed trunk piston diesel engines, operating with varying heavy fuel with sulfur content of up to 4%
• Ocean TPL 2040	40	0.899	-	13.5	98	240	-16	20	
• Ocean TPL 3030	30	0.901	-	11.8	97	238	-16	30	
• Ocean TPL 3040	40	0.905	-	14.3	98	242	-16	30	
• Ocean TPL 4040	40	0.915	-	14.3	97	238	-16	40	Engine oil developed for use in medium-speed trunk piston diesel engines, operating on heavy fuel oil with sulfur content of up to 4,5%
• Ocean TPL 5040	40	0.916	-	14.3	99	245	-16	50	
• Diesel Prioritet 15W-40	15W-40	889 *at 15°C	117.5	15.0	132	232	-33	9	Engine oil developed for heavy-duty diesel engines requiring AP CI-4/SL performance

2-stroke condemning limits. CIMAC general recommendation

Property	Method	Unit	Mandatory action
Viscosity @ 100°C	ISO 3104	mm ² s ⁻¹	max. 3.0 mm ² s ⁻¹ decrease max. 3.5 mm ² s ⁻¹ decrease
Acid Number	ASTM D664	mg KOH/g	max. 2.0 mg KOH/g decrease
Base number	ISO 3771 / ASTM D2896	mg KOH/g	min. 3.0 max. 30
Water content	ISO 3733 / ASTM D1744	% v/v	max. 0.2
Flash point	ISO 2719 / ASTM D3828	°C	min. 180
n-pentane insolubles	ASTM D893B	% m/m	max. 1.5

4-stroke condemning limits. CIMAC general recommendation

Property	Method	Unit	Precautionary action	Mandatory action
Viscosity	ISO 3104	mm ² s ⁻¹ @ 40°C mm ² s ⁻¹ @ 100°C	-25% / +25% -15% / +15%	-25% / +45% -20% / +25%
Base number	ISO 3771	mg KOH/g	-40%	-50%
Water content	ISO 3733	% v/v	>0.2	>0.4
Flash point	ISO 2719	°C	<190	<170
n-pentane insolubles	ASTM D893B	% m/m	>1.5	>2.0

Recommended Oil Sampling Intervals

Equipment	Marine	Industry
Hydraulic	Every 3 months	Every 3 months
Gear	Every 3 months	Every 3 months
Engine LO	Weekly/200h	Gen. sets: ones per year. Gas engines: every 200h

Equipment	Marine	Industry
Diesel	Every new bulk. Service tank: once per bulk	Every new bulk. Yearly from tanks
Gas & steam turbines	Monthly (e.g. offshore)	Monthly (e.g. paper plant)
Stern tube	Every 3 months	N/A

Sampling intervals depend on the criticality of the equipment. The below recommendations are generic.

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PRODUCT AND SERVICE PROFILE

WIDE PRODUCTS RANGE

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■ HYDRAULIC OILS							
• Ocean Hydraulic HVLP 15	15	0,862	15	151	150	-52	High Viscosity Index (HVI) hydraulic oils contain tain a zinc free additive package that offers full protection to all parts of hydraulic systems
• Ocean Hydraulic HVLP 22	22	0,865	22	165	165	-48	
• Ocean Hydraulic HVLP 32	32	0,870	32	155	200	-48	
• Ocean Hydraulic HVLP 46	46	0,876	46	154	215	-42	Synthetic zinc-free and ashless hydraulic fluid (environmentally sensitive areas)
• Ocean Hydraulic HVLP 68	68	0,881	68	153	225	-39	
• Ocean Hydraulic HVLP 100	100	0,840	100	145	220	-36	
• Ocean Hydraulic PAO 32	32	0,834	32	138	218	-51	
• Ocean Hydraulic PAO 46	46	0,835	46	138	224	-48	
• Ocean Hydraulic PAO 68	68	0,836	68	136	250	-45	High-quality, Extremely High Viscosity Index (XHV) hydraulic oils, recommended to be used in all types of hydraulic systems
• Ocean Hydraulic PAO 100	100	0,839	100	140	263	-48	
• Ocean Hydraulic XHVI 15	15	0,850	15	300	194	-63	
• Ocean Hydraulic XHVI 32	32	0,855	32	300	202	-60	
■ GEAR OILS							
• Ocean Gear CLP 68	68	0,890	612-748	102	220	-24	Heavy duty industrial gear lubricant, formulated with high VI mineral base oils, recommended for closed gear drives with both circulation and splash systems
• Ocean Gear CLP 100	100	0,893	100	99	230	-18	
• Ocean Gear CLP 150	150	0,896	150	96	230	-14	
• Ocean Gear CLP 220	220	0,898	220	96	240	-12	Premium high-performance gear oils are extremely resistant to micro pitting, recommended for closed gear drives with both circulation and splash systems
• Ocean Gear CLP 320	320	0,902	320	95	250	-9	
• Ocean Gear CLP 460	460	0,906	460	95	250	-9	
• Ocean Gear CLP 680	680	0,910	680	92	260	-6	Premium performance synthetic industrial gear oil (PAG based)
• Ocean Gear FL 100	100	0,893	100	98	222	-18	
• Ocean Gear FL 150	150	0,896	150	96	234	-15	
• Ocean Gear FL 220	220	0,898	210	96	238	-20	100% synthetic gear oil with extreme pressure characteristics, intended for use in all types of enclosed gear drives with circulation or splash lubrication systems working under sever conditions
• Ocean Gear PG 150	150	0,944	150	164	258	-30	
• Ocean Gear PG 220	220	0,998	220	160	260	-27	
• Ocean Gear PG 320	320	0,999	310	172	267	-27	
• Ocean Gear PG 460	460	0,995	460	165	268	-27	
• Ocean Gear PG 680	680	0,995	680	160	270	-27	
• Ocean Gear PAO 68	68	0,841	68	148	240	-45	
• Ocean Gear PAO 150	150	0,854	150	141	248	-40	
• Ocean Gear PAO 220	220	0,844	220	155	240	-40	
• Ocean Gear PAO 320	320	0,844	320	156	240	-40	
■ TURBINE OIL							
• Ocean Turbine R32	32	0,871	32	109	211	-18	Premium turbine oil for special Mitsubishi application under MS04-MA-CL002.
• Ocean Turbine 32	32	0,868	32	106	218	-12	Marine turbine oil, including gas turbines
• Ocean Turbine 46	46	0,874	46	102	230	-9	
• Ocean Turbine 68	68	0,878	68	100	234	-9	
• Ocean Turbine 100	100	0,887	100	99	245	-9	ISO VG 100 turbine oil for steam and hydroelectric turbines
• Ocean Turbine 320	320	0,892	320	95	255	-9	ISO VG 320 turbine oil for steam and hydroelectric turbines

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■ COMPRESSOR OIL							
● Ocean Compressor DE 68	68	0,950	70.8	62	248	−42	Synthetic di-ester based compressor lubricants are recommended for use in the cylinder and crank case of air and process gas compressors such as helium, nitrogen, hydrogen, methane, butadiene, carbon dioxide and more
● Ocean Compressor DE 100	100	0,956	93.5	61	250	−33	
● Ocean Compressor DE 150	150	0,952	152	65	290	−33	
● Ocean Compressor PG 150	—	1,052	150	180	262	−39	Fully synthetic Polyalkylene Glycol (PAG) based air compressor lubricant
● Ocean Compressor PAO 46	46	0,830	46	150	248	−52	Fully synthetic (PAO) air compressor oils, very stable at high temperature
● Ocean Compressor PAO 68	68	0,830	68	147	250	−50	
● Ocean Compressor PAO 100	100	0,851	100	147	253	−50	
● Ocean Compressor PAO 150	150	0,854	150	141	258	−47	Mild EP oil recommended to be used with both, small and large reciprocating air compressors
● Ocean Compressor VDL 32	32	0,870	32	106	210	−26	
● Ocean Compressor VDL 46	46	0,873	46	102	220	−24	
● Ocean Compressor VDL 68	68	0,875	68	100	235	−22	
● Ocean Compressor VDL 100	100	0,886	100	97	250	−18	
● Ocean Compressor VDL 150	150	0,902	150	96	260	−12	
■ HEAT TRANSFER OILS							
● Ocean HTO 200		0,877	5.2	98	220		Heat transfer fluid for temperatures up to 315°C
● Ocean HTO 300		0,881	46	97	223		

	Base	Color	Base oil Viscosity at 40 °C, cSt	Worked Penetration at 25 °C	Dropping Point, °C	NLGI-Grade	Product Description
GREASES							
• Ocean Superplex R LX 2	Lithium Complex	Red	220	265 – 295	265	2	High quality EP grease, enriched with special additives which enhance oxidation resistance, rust and wear protection
• Ocean Superplex LX 3	Lithium Complex	Tan	150	220 – 250	260	3	
• Ocean Grease L O/1	Lithium	Amber	320	330 – 360	192	0/1	
• Ocean Grease L PU 2	Polyurea	Pale	100	265 – 295	195	2	Synthetic, high quality, urea based grease
• Ocean Grease HV EP 2	Lithium	Amber	320	265 – 295	195	2	Lithium based, multipurpose grease, which contains extreme pressure additives
• Ocean Grease L EP 0	Lithium	Light Brown	150	355 – 385	190	0	
• Ocean Grease L EP 1	Lithium	Amber to Brown	150	310 – 340	195	1	Multi-purpose EP grease for general applications.
• Ocean Grease L EP 2	Lithium	Brown	150	265 – 295	195	2	
• Ocean Grease LM 2	Lithium	Black	180	265 – 295	195	2	
• Ocean Grease AC EP2	Calcium	Black	460	265 – 295	155	2	Multi-purpose EP grease containing MoS ₂ as a solid lubricant for high load applications
• Ocean Grease LX SY 1/2	Lithium Complex	Amber	220	290 – 320	260	1/2	Calcium grease with graphite and MoS ₂ for open gears, wire ropes & general grease points of deck equipment
• Ocean Grease L BIO 0	Lithium	Light Brown	320	355 – 385	195	0	Synthetic multi-purpose and high-performance grease for high and low temperature applications
• Ocean Grease AC BIO 2	Calcium	Brown		265 – 295	154	2	Readily biodegradable lubricant s recommended as a special open gear and wire rope lubricant suitable for humid environments for applications where the temperature up to + 130 °C
							Biodegradable lubricant produced with a high percentage of sustainable non-toxic natural and synthetic ester base oils

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BRAND* / CATEGORY	<i>OCEAN</i>	Mobil					
CYLINDER OIL	Ocean CCL 17	MOBILGARD 525	Taro Ultra 20	ALEXIA 25	CYLTECH ACT	TALUSIA LS 25	NAVIGO MCL ULTRA
	Ocean CCL 40	MOBILGARD 540	Taro Ultra 40	SHELL ALEXIA 40	CYLTECH 40 SX	TALUSIA LS 40	NAVIGO MCL EXTRA
	Ocean CCL 70	MOBILGARD 570	Taro Ultra 70	SHELL ALEXIA 70	CYLTECH 70	TALUSIA HR 70	NAVIGO 70 MCL AW
	Ocean CCL 100	MOBILGARD 5100	Taro Ultra 100	ALEXIA 100	CYLTECH 100	TALUSIA UNIVERSAL 100	NAVIGO 100 MCL
SYSTEM OIL	Ocean CSO 7	MOBILGARD 300 C	VERITAS 800 MARINE 30	MELINA S 30	CASTROL CDX 30	ATLANTA MARINE D 3005	NAVIGO 6 SO
TRUNK PISTON OIL	Ocean TPL 1230	MOBILGARD ADL 30	DELO 1000 MARINE 30	GADINIA S3 30	CASTROL MLC 30	DISOLA M 3012	NAVIGO TPEO 12/30
	Ocean TPL 1240	MOBILGARD ADL 40	DELO 1000 MARINE 40	SHELL GADINIA S3 40	CASTROL MLC 40	DISOLA M 4012	NAVIGO TPEO 12/40
	Ocean TPL 1530	MOBILGARD 312		GADINA AL 30	CASTROL MHP 153	DISOLA M 3015	NAVIGO TPEO 15/30
	Ocean TPL 1540	MOBILGARD 412		GADINA AL 40	CASTROL MHP 154	DISOLA M 4015	NAVIGO TPEO 15/40
	Ocean TPL 2030	MOBILGARD M320	TARO 20 DP 30		CASTROL TLX PLUS 203	AURELIA TI 3020	NAVIGO TPEO 20/30
	Ocean TPL 2040	MOBILGARD M420	TARO 20 DP 40	ARGINA S2 40	CASTROL TLX PLUS 204	AURELIA TI 4020	NAVIGO TPEO 20/40
DIESEL ENGINE OIL	Ocean TPL 3030	MOBILGARD M330	TARO 30 DP 30	ARGINA S3 30	CASTROL TLX PLUS 303	AURELIA TI 3030	NAVIGO TPEO 30/30
	Ocean TPL 3040	MOBILGARD M430	TARO 30 DP 40	ARGINA S3 40	CASTROL TLX PLUS 304	AURELIA TI 4030	NAVIGO TPEO 30/40
	Ocean TPL 4040	MOBILGARD M440	Taro 40 XL 40	ARGINA S4 40	CASTROL TLX PLUS 404	AURELIA TI 4040	NAVIGO TPEO 40/40
	Ocean TPL 5040	MOBILGARD M50	TARO 50 XL 40		CASTROL TLX PLUS 504		NAVIGO TPEO 50/40
	Ocean Diesel Ultra 15W-40	MOBIL DELVAC MX 15W40	DELO 400 M6X SAE 15W-40	Rimula R4 X 15W-40	TECTION GLOBAL 15W-40	DISOLA W	AVANTGRADE ULTRA 15W40
	Ocean Turbine 32	DTE OIL LIGHT	REGAL R&O 32	TURBO T 32	PERFECTO T 32	PRESLIA 32	RENOLIN ETERNA 32
TURBINE OIL	Ocean Turbine 46	DTE OIL MEDIUM	REGAL R&O 46	TURBO T 46	PERFECTO T 46	PRESLIA 46	RENOLIN ETERNA 46
	Ocean Turbine 68	DTE OIL HEAVY MEDIUM	REGAL R&O 68	TURBO T 68	PERFECTO T 68	PRESLIA 68	RENOLIN ETERNA 68
	Ocean Turbine 100	DTE OIL HEAVY	REGAL R&O 100	TURBO T 100	PERFECTO T 100	PRESLIA 100	

* The characteristics of the products may change without prior notice.

* The mixing of Synthetic Oils from different brands should be avoided. Lubricant in use should be flushed out before replacing.

* Above lubricants comparison table is for reference only. Please be in close contact with oil makers technical departments for further assistance.

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BRAND */ CATEGORY

GEAR OIL

REFRIGERATION
COMPRESSOR OIL

OCEAN

Mobil



Shell

Castrol

TOTAL Lubmarine



Ocean Gear CLP 68	MOBILGEAR 600 XP 68	MEROPA 68	OMALA S2 GX 68	ALPHA SP 68	EPONA Z 68	RENOLIN CLP 68
Ocean Gear CLP 100	MOBILGEAR 600 XP 100	MEROPA 100	OMALA S2 G X 100	ALPHA SP 100	EPONA Z 100	RENOLIN CLP 100
Ocean Gear CLP 150	MOBILGEAR 600 XP 150	MEROPA 150	OMALA S2 GX 150	ALPHA SP 150	EPONA Z 150	RENOLIN CLP 150
Ocean Gear CLP 220	MOBILGEAR 600 XP 220	MEROPA 220	OMALA S2 G X 220	ALPHA SP 220	EPONA Z 220	RENOLIN CLP 220
Ocean Gear CLP 320	MOBILGEAR 600 XP 320	MEROPA 320	OMALA S2 G X 320	ALPHA SP 320	EPONA Z 320	RENOLIN CLP 320
Ocean Gear CLP 460	MOBILGEAR 600 XP 460	MEROPA 460	OMALA S2 G X 460	ALPHA SP 460	EPONA Z 460	RENOLIN CLP 460
Ocean Gear CLP 680	MOBILGEAR 600 XP 680	MEROPA 680	OMALA S2 G X 680	ALPHA SP 680	EPONA Z 680	RENOLIN CLP 680
Ocean Gear PAO 68	MOBIL SHC 626	PINNACLE EP 68		ALPHASYN HG 68		RENOLIN UNISYN CLP 68
Ocean Gear PAO 150	MOBIL SHC 629	PINNACLE EP 150	Omala S4 GXV 150	ALPHASYN HG 150		RENOLIN UNISYN CLP 150
Ocean Gear PAO 220	MOBIL SHC 630	PINNACLE EP 220	Omala S4 GXV 220	ALPHASYN HG 220	EPONA SA 220	RENOLIN UNISYN CLP 220
Ocean Gear PAO 320	MOBIL SHC 632	PINNACLE EP 380	Omala S4 GXV 320	ALPHASYN HG 380	EPONA SA 320	RENOLIN UNISYN CLP 320
Ocean Gear PAO 460	MOBIL SHC 634	PINNACLE EP 460		ALPHASYN HG 460		RENOLIN UNISYN CLP 460
Ocean Gear PAO 680	MOBIL SHC 636	PINNACLE EP 680		ALPHASYN HG 680		RENOLIN UNISYN CLP 680
Ocean Gear PAO 1000						RENOLIN UNISYN CLP 1000
Ocean Freeze 68	GARGOYLE ARCTIC OIL 300	CAPELLA WF 68	REFRIGERATION OIL S2 FR-A 68	AIRCOL 99	LUNARIA FR 68	RENISO KS 68
Ocean Freeze POE 32	MOBIL EAL ARCTIC 32	CAPELLA HFC 55	REFRIGERATION OIL S4 FR-F 32	AIRCOL SW 32	PLANETELF ACD 32	RENISO TRITON SEZ 32
Ocean Freeze POE 55	MOBIL EAL ARCTIC 46		REFRIGERATION OIL S4 FR-F 46	AIRCOL SW 46		RENISO TRITON SEZ 46
Ocean Freeze POE 68	MOBIL EAL ARCTIC 68	CAPELLA HFC 100	REFRIGERATION OIL S4 FR-F 68	AIRCOL SW 68	PLANETELF ACD 68	RENISO TRITON SEZ 68
Ocean Freeze POE 100	MOBIL EAL ARCTIC 100		REFRIGERATION OIL S4 FR-F 100	AIRCOL SW 100	PLANETELF ACD 100	RENISO TRITON SEZ 100
Ocean Freeze CFC 68	MOBIL ZERICE S 68	Capella Low Temp AB 68	REFRIGERATION OIL S4 FR-V 68	AIRCOL 2284		RENISO S 68
Ocean Freeze CFC 100	MOBIL ZERICE S 100		REFRIGERATION OIL S4 FR-V 100	AIRCOL 2285	BARELF AL 100	RENISO SP 100

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COMPRESSOR OIL	Ocean Compressor VDL 68	RARUS 426	COMPRESSOR OIL EP VDL 100	CORENA S2 P 68	AIRCOL PD 68	DACNIS 68	RENOLIN 503
	Ocean Compressor VDL 100	RARUS 427		CORENA S2 P 100	AIRCOL PD 100	DACNIS 100	RENOLIN 504
	Ocean Compressor VDL 150	RARUS 429		CORENA S2 P 150	CASTROL AIRCOL PD 150	DACNIS 150	RENOLIN 505
	Ocean Compressor DE 100	RARUS 827		CORENA S4 P 100	AIRCOL SN 100	BARELF CH 100	NAVISYN DE 100
	Ocean Compressor DE 150	RARUS 829			AIRCOL SN 150		
	Ocean Compressor PAO 46	RARUS SHC 1025		CORENA S4 R 46	AIRCOL SR 46	BARELF SM 46	RENOLIN UNISYN OL 46
	Ocean Compressor PAO 68	RARUS SHC 1026		CORENA S4 R 68	AIRCOL SR 68	BARELF SM 68	RENOLIN UNISYN OL 68
	Ocean Compressor PAO 100				AIRCOL SR 100		RENOLIN UNISYN OL 100
	Ocean Compressor PAO 150						RENOLIN UNISYN OL 150
HYDRAULIC OIL	Ocean Hydraulic HVLP 15	MOBIL DTE 11M	RANDO HDZ 15	TELLUS S2 VX 15	HYSYPN AWH-M 15	VISGA 15	RENOLIN B 15 HVI
	Ocean Hydraulic HVLP 32	MOBIL DTE 13M	RANDO HDZ 32	TELLUS S2 VX 32	HYSYPN AWH-M 32	VISGA 32	RENOLIN B 32 HVI
	Ocean Hydraulic HVLP 46	MOBIL DTE 15M	RANDO HDZ 46	TELLUS S2 VX 46	HYSYPN AWH-M 46	VISGA 46	RENOLIN B 46 HVI
	Ocean Hydraulic HVLP 68	MOBIL DTE 16M	RANDO HDZ 68	TELLUS S2 VX 68	HYSYPN AWH-M 68	VISGA 68	RENOLIN B 68 HVI
	Ocean Hydraulic HVLP 100	MOBIL DTE 18M	RANDO HDZ 100	TELLUS S2 VX 100	HYSYPN AWH-M 100	VISGA 100	RENOLIN B 100 HVI
	Ocean Hydraulic HVLP 150	MOBIL DTE 19M	RANDO HDZ 150	TELLUS S2 VX 150	HYSYPN AWH-M 150	VISGA 150	RENOLIN B 150 HVI
	Ocean Hydraulic BIO 32	MOBIL SHC AWARE H 32	Clarity Synthetic EA Hydraulic Oil 100		Castrol BioBar 32	BIOHYDRAN TMP 32	PLANTOSYN 32 HVI
	Ocean Hydraulic BIO 46	MOBIL SHC AWARE H 46		Naturelle HF-E 46	Castrol BioBar 46	BIOHYDRAN TMP 46	
	Ocean Hydraulic BIO 68	MOBIL SHC AWARE H 68		Naturelle HF-E 68	Castrol BioBar 68	BIOHYDRAN TMP 68	PLANTOSYN 68 HVI
	Ocean Hydraulic BIO 100	MOBIL SHC AWARE H 100		Naturelle HF-E 100		BIOHYDRAN TMP 100	
HEAT TRANSFER	Ocean HTO 200	MOBILTHERM 605	TEXATERM 32	Heat Transfer Oil S2	PERFECTO HT 5	THERMELF ETA 32/SERIOLA 32	NAVIGO Therm 5
	Ocean HTO 300		TEXATERM 46				
GREASES	Ocean Grease AC EP2	MOBILARMA 798	TEXCLAD 2	GADUS S2 A 320 2		CERAN AD PLUS	NAVIGREASE CSX 2
	Ocean Grease L EP 0	MOBILITH EP 0	MULTIFAK EP 0		SPHEEROL EPL 0	MULTIS EP 0	Navigrease EP 0
	Ocean Grease L EP 1	MOBILITH EP 1	MULTIFAK EP 1		SPHEEROL EPL 1	MULTIS EP 1	Navigrease EP 1
	Ocean Grease L EP 2	MOBILITH EP 2	MULTIFAK EP 2	GADUS S2 A220 2	SPHEEROL EPL 2	MULTIS EP 2	Navigrease EP 2
	Ocean Grease LM 2		Molytex EP 2	GADUS S3 V220 C2	SPHEEROL LMM 2	MULTIS MS 2	RENOLIT FLM 2
	Ocean Grease L BIO 2	MOBILITH SHC 220	Clarity Synthetic EA Grease			BIOMULTIS EP 2	NAVIGREASE BIO 2

* The characteristics of the products may change without prior notice.

* The mixing of Synthetic Oils from different brands should be avoided. Lubricant in use should be flushed out before replacing.

* Above lubricants comparison table is for reference only. Please be in close contact with oil makers technical departments for further assistance.

MARINE LUBRICANTS

PRODUCT AND SERVICE PROFILE

SUPPLY NETWORK AND PRODUCTION FACILITIES

GLOBAL SUPPLY NETWORK AND PRODUCTION FACILITIES
ENSURE FAST AND RELIABLE DELIVERIES TO ANY REGION

 **>146** Supply Ports

arrange a comfortable supply network
ensuring the availability of lubricants in
major world ports



OCEAN

MARINE LUBRICANTS

PRODUCT AND SERVICE PROFILE

OCEAN

PROFESSIONAL LUBRICANT SERVICE PLUS

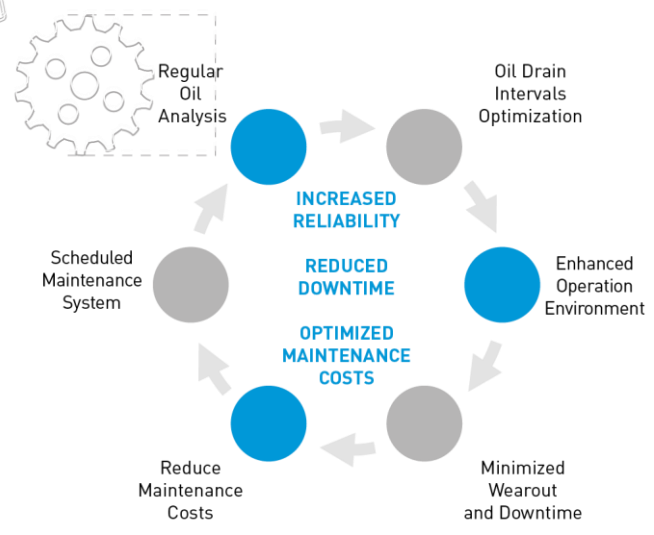
PROFESSIONAL INSIGHT ENSURES RELIABILITY

Vital Insight on equipment and used oil condition will help you to adjust the Vessels Maintenance Plan to be one step ahead of potential premature downtime and keep running smoothly.

PLUS Personal Account service puts the reports at your fingertips.

Regular working oils analysis supports your maintenance activities and helps you to make decisions with confidence.

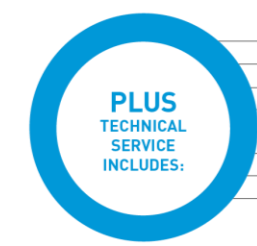
- ✓ Regular oil analysis help to track changes over the time and to prevent excessive wearout.
- ✓ Portable testing laboratories enable vessel engineers to quickly analyze oil's most important properties right on board and promptly adjust the maintenance planning.
- ✓ The PLUS Professional Technical Service enables to monitor changes in equipment performance pattern and to prevent mechanism breakdowns.



- ② Intuitive and simple interface
- ② Clear lists of vessels and used lubricants
- ② Reports can be downloaded to your PC or any gadget
- ② Access to the reports from either office, vessel or plane



- ② Comments and recommendations by marine experts
- ② Reports can be delivered extra via e-mail (up to 3 addresses)
- ② Easy and fast access to all the old reports allows to identify trends
- ② Ability to create graphs of change



- Live communication with technical experts 24/7/365;
- Assistance in selection and compatibility of equivalent products;
- Lube Charts;
- Specialized Sample Kits;
- Marine lube samples testing in the certified independent laboratory;
- Detailed reports on oil condition and recommendations for change;
- Access to customer's personal account that holds the lube charts and reports with testing results of used oil samples;
- Portable testing laboratories for onboard oil analysis.

MARINE LUBRICANTS

PRODUCT AND SERVICE PROFILE

THE DEDICATED TEAM

THE QUALITY OF THE SERVICE DEPENDS ON THE SPECIALISTS WHO PROVIDE IT.

Customer service specialists always find the best solutions even for the most unconventional applications. Every customer receives a personalized offer tailored to his company and vessels needs.

The technical team knows how to improve the reliability of a particular equipment and extend its life by using right lubricants.

Working with Ocean Marine Lubricants is working with soul mates. Our goal is to create the most comfortable environment for our clients effective development.



OCEAN

MARINE LUBRICANTS

PRODUCT AND SERVICE PROFILE

OCEAN

DETAILS THAT MAKE IT WORK

WE KNOW THAT THE QUALITY OF EACH DETAIL DETERMINES THE EFFICIENCY OF THE WHOLE MECHANISM, WHETHER IT IS A SINGLE VESSEL OR THE ENTIRE MARINE BUSINESS. THE OCEAN MARINE LUBRICANTS TEAM, OCEAN OILS AND PLUS TECHNICAL SERVICE ARE INTEGRAL PARTS OF THE DETAILS THAT MAKE IT WORK PHILOSOPHY

WIDE PRODUCTS RANGE

Ocean Oils is a high-tech marine engine detail.

PROFESSIONAL LUBRICANT SERVICE PLUS

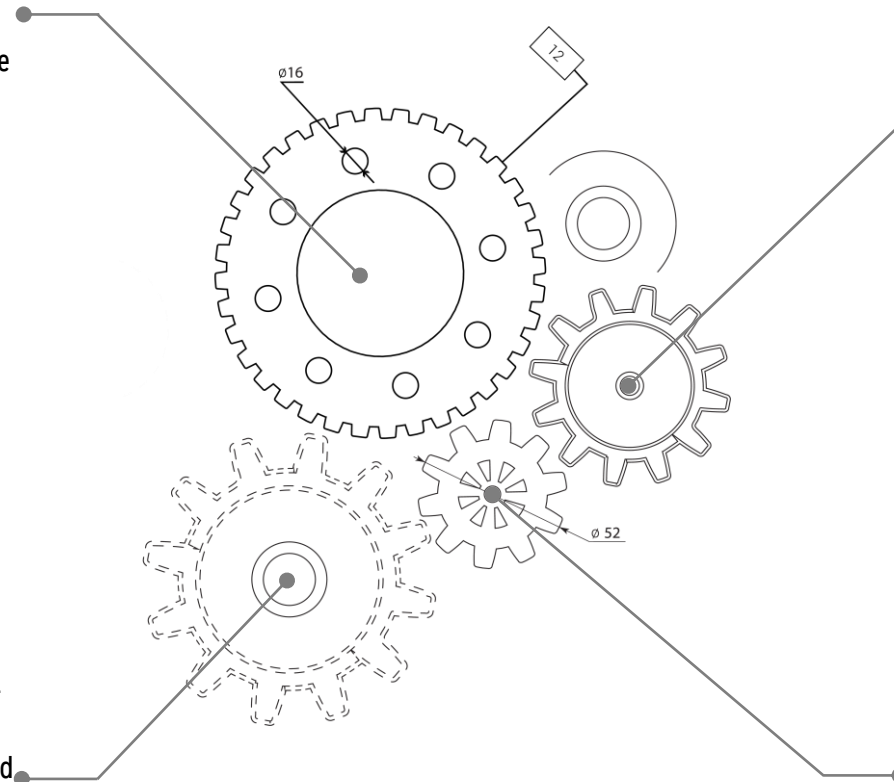
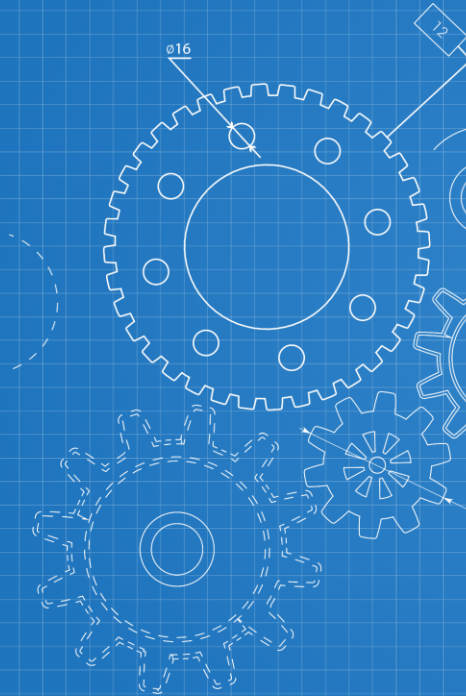
includes expert advices, working oil analyzes in independent laboratories and right on board, as well as an Online Personal Accounts for quick access to the tests results.

THE DEDICATED TEAM

is a guarantee that the products will be delivered on time. High-accuracy, high-efficiency and high-qualification of technical team specialists are confirmed by 10+ years of experience.

SUPPLY NETWORK AND PRODUCTION FACILITIES

is the key for creating an efficient and comfortable environment for your business to grow, regardless of where you operate.



ADVANTAGES OF OCEAN MARINE LUBRICANTS

CREATING THE BASIS FOR SUSTAINABLE AND MUTUALLY BENEFICIAL COOPERATION WITH PARTNERS

- Reliable company with strong brands and long-term development strategy in the Russian and international markets
- Own resource base and R&D centers
- Wide range of high-quality products for all sectors of the market
- Products customization to meet the customers' needs
- Flexible pricing policy
- Stability and punctuality of deliveries
- Marketing support of products and partners, loyalty programs, active promotion of the company's brands
- Engineering and technical support, services and training for partners and customers
- Advanced digital technologies and solutions



Passenger cars and Commercial vehicles



Vessel's equipment



Industrial equipment