



Marine Lubricants

Smooth Sailing Starts with Superior Lubricants



corsica-uk.com

Underwater Insights: Corsica's Story

Welcome to Corsica, a premier manufacturer and supplier of marine lubricants committed to excellence and sustainability. Established over fifteen years ago in the UAE, Corsica operates globally with a focus on quality. As part of the Emirates International Lubricants Industries group, Corsica delivers marine lubricants across Asia, Africa, Europe, and North America.

Our journey began with a focus on product excellence and customer satisfaction. Today, our products are distributed in over 30 countries, enjoying strong brand recognition in each market. Strategically located in influential business hubs like the UAE, UK, and Canada, Corsica ensures seamless service delivery to customers while fostering partnerships.

At Corsica, quality and value addition are paramount. We continuously enhance customer experiences through product excellence, cost efficiency, and unparalleled support. Our manufacturing facilities hold ISO certifications, underscoring our commitment to global standards.

Our environmentally friendly practices reflect a dedication to sustainability. Corsica's products are approved by leading OEMs and certified by the API, ensuring the highest industry standards. With a well-equipped laboratory, we conduct research to develop innovative solutions while upholding quality controls.

In collaboration with suppliers, Corsica monitors inputs to deliver enhanced products without compromising quality. Join us on a journey towards excellence with Corsica. Experience our industry-leading marine lubricants and discover the quality and competitiveness of our products and services.

Embrace our commitment to sustainable solutions as we continue to set new benchmarks.

Versatile Lubricants for Various Engines

The maritime sector is undergoing a transformation driven by emission reduction targets, reshaping the global shipping landscape. Slow- and medium-speed diesel engines continue to dominate as the primary propulsion systems for deep-sea vessels, with a diverse array of fuel choices available for both two-stroke and four-stroke engines. Here are several options to aid in achieving regulatory compliance:

Marine diesel oil (MDO)

Fuels with sulphur content below 0.1%; typically of distillate nature can be used in both ECA zones as well as to meet IMO 2020 emission requirements.

Low sulphur fuel oil (VLSFO)

Blended fuels with sulphur content up to 0.5%; the fuel choice for a large proportion of deep sea vessels.

Exhaust gas abatement systems (scrubbers) for high sulphur heavy fuel oil (HSHFO)

Used to remove elements from fuels of a residual nature with sulphur content over 0.5%.



Our Range of Products

Explore our range of cutting-edge marine lubricants meticulously crafted to optimize engine performance and ensure smooth sailing for your vessel. From our versatile all-purpose blend to specialized solutions tailored for specific fuel types, each product in our lineup is designed to meet the rigorous demands of modern maritime operations. With a commitment to innovation and sustainability, our products are engineered to not only enhance efficiency but also contribute to reducing emissions, aligning with industry regulations and environmental goals. Trust Corsica Marine Lubricants to deliver the reliability and performance your fleet deserves, keeping you on course for success on the open seas.

- 1. Master Cylinder Oil (MCL)**
- 2. System Oil**
- 3. Turbine Oil**
- 4. Trunk Piston Engine Oil (TPEO)**
- 5. Gear Oil**
- 6. Lithium Complex Grease**
- 7. Zinc free Hydraulic Fluids**



CORSICA MARINE CYLINDER OILS

(Cylinder Lubricant for Two-Stroke Low Speed Diesel Engines)

CORSICA MARINE CYLINDER OILS are a wide range of cylinder lubricants designed for use in all two-stroke low speed diesel engines. They are suitable for use with engines burning distillate and residual fuel and has been engineered to offer excellent performance under all operational conditions such as full power, “slow” and “flexible” steaming regimes.

Product info

Corsica Marine Cylinder Oils offer unparalleled protection and performance for two-stroke low-speed diesel engines. Engineered to withstand the rigors of maritime operations, these lubricants ensure minimal piston ring and liner wear, maximum cleanliness, and reduced maintenance costs. With a focus on combating deposits and scuffing associated with low-sulfur fuels, Corsica Marine Cylinder Oils guarantee optimal engine health and longevity. Their advanced formulation, including detergent technology, delivers outstanding performance across a range of engine conditions while meeting or exceeding industry specifications. From enhancing fuel flexibility to promoting environmental compliance, Corsica Marine Cylinder Oils are the trusted choice for marine engine lubrication.

Product Highlights:

- Engine Protection
- Fuel Flexibility
- Enhanced Performance
- Cost Savings
- Environmental Compliance

Properties

CORSICA MARINE CYLINDER OILS has been particularly designed for the new generation of highly rated, fuel efficient, low speed marine diesel engines operating with higher pressures, higher temperatures and longer strokes especially to deal with all aspects of Oil Stress.



Applications

TYPE	50/25	50/40	50/57	50/70
Engine	Slow Speed	Slow Speed	Slow Speed	Slow Speed
Fuel	ECA	LSFO	Residual	HSFO
Sulphur	0.1	Low	0.5 - 3.5	High

Product Benefits

- Minimal piston ring and liner wear
- Maximum cleanliness
- Reduced engine maintenance costs.
- Combats the deposits and scuffing related engine wear associated with low Sulphur fuels
- Excellent thermal and oxidative stability to ensure performance in a variety of engine conditions
- Reduced cylinder oil consumption
- Extended periods between overhauls
- Formulated with detergent technology required to deliver excellent performance with low-Sulphur fuel
- Detergency system provides strong control of piston groove deposits which is a critical area for distillate fuel operation
- Maximized piston overhaul intervals

Recommendations / Specifications

Meets or exceeds: MAN Diesel & Turbo, MHI-MME and Wärtsilä, Mitsubishi Heavy Industries

Specifications

CORSICAMARINE CYLINDER OILS	50/25	50/40	50/57	50/70
SAE Viscosity Grade	50	50	50	50
Density at 15°C, g/ml, ASTM D4052	0.908	0.920	0.930	0.940
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	19	19	19	19
Viscosity Index, ASTM D2270	>95	>95	>95	>95
Flash Point(COC), °C, ASTM D92	>240	>240	>240	>240
Pour Point, °C, ASTM D97	-9	-18	-9	-9
Total Base Number, mg KOH/g, ASTM D2896	25	40	50	70
Sulphated Ash, %wt, ASTM D874, max	3.2	2.1	7.27	8.94

Available Packs

- 200 L
- 208 L
- 1000 L

*C & B: Clear & Bright

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Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS). Safety Data Sheets available on request.

CORSICA TURBINE OILS

(Long Life Turbine Oils)

CORSICA TURBINE OILS are advanced, specialized fluids designed to provide exceptional lubrication and cooling benefits for industrial turbine systems where the highest quality rust and oxidation inhibited lubricants are required. These fluids provide excellent operating and maintenance benefits across a broad temperature range for increased efficiency, performance, and equipment protection.

CORSICA TURBINE OILS have increased discharge flow rates and decreased internal pump leakage rates resulting in increased pumping efficiency, and less fluid leakage and waste.

Applications

CORSICA TURBINE OILS are designed and recommended for use in turbine systems operating on steam or gas as well as a high temperature bearing lubricant and coolant. These oils are formulated to meet the demands of non-geared steam, hydro-electric, and gas turbine and bearing lubrication. They are also ideal for reduction gear assemblies in certain marine applications.

CORSICA TURBINE OILS are excellent lubricants for many other industrial applications such as air-line lubricators, industrial gear cases, and air compressor applications where R&O oils are recommended by the OEM.

Product Benefits:

- High Viscosity Index
- Foam Control
- Optimal oil service life
- Superior Thermal Stability
- Smooth Operation
- Excellent Fluid Stability and Water separation characteristics

Properties

CORSICA TURBINE OILS are manufactured with the highest quality, ultra-pure paraffinic base oils and high performance additives. These advanced base oils have been chosen to ensure exceptional performance and provide long term, trouble free service. Special inhibitor technology enhances these products by improving resistance to oxidation breakdown and inhibiting the formation of deposits on critical machinery surfaces, delivering reliable and consistent performance in industrial circulation systems that are subject to wide ambient and system operating temperatures. This special technology also includes advanced foam and air release control as well as improved low temperature operation capability improved by cold flow improvers.

Recommendations / Specifications

CORSICATURBINE OILS are recommended for use where the following specifications are required (the appropriate viscosity grade):

General Electric – GEK 28143A, GEK 32568F, GEK 46506D, GEK 27070, GEK 101

ABB – K 110 812101 , British Standard – 489,

Westinghouse – 1500 00 20 ,Solar Turbines – ES 9 224 ,

Cooper – SE 1144 ,Siemens – TLV 901304, 901305,

Siemens Westinghouse – M-55125Z3 ,ALSTOM (ABB) – HTGD 90117 ,

ASTM – D4304 type I, DIN – 51515 Part 1, Part 2, 51524 Part I ,

Cincinnati Machine P-38, P-54,P-55, MIL-L-17672C/D ,

AFNOR – E 48600 HL ,US Steel – 126 & Denison HF-1.

TYPICAL TECHNICAL PROPERTY

ISO Viscosity Grade	32	46	68	100	150
Appearance, Visual	B&C	B&C	B&C	B&C	B&C
Density at 150C, g/ml, ASTM D4052	0.86	0.865	0.870	0.875	0.875
Kinematic Viscosity at 400C, mm ² /s, ASTM D445	32	46	66.4	100	150
Kinematic Viscosity at 1000C, mm ² /s, ASTM D445	5.56	7.0	8.86	11.66	15.08
Viscosity Index, ASTM D2270	110	108	106	104	100
Flash Point(COC), °C, ASTM D92	200	210	220	226	230
Pour Point, °C, ASTM D97	-39	-36	-33	-30	-27
Copper Corrosion (3hr@100°C), ASTM D130	1.0	1.0	1.0	1.0	1.0
Rust protection Proc B, ASTM D665	PASS	PASS	PASS	PASS	PASS
Distilled Water	PASS	PASS	PASS	PASS	PASS
AGMA grade	-	1	2	3	4

Available Packs

Cartons:

- 12 x 1 L
- 24 x 1 L
- 4 x 5 L
- 6 x 4 L
- 6 x 5 L

Pails:

- 20 L
- 25 L

Drums:

- 200 L
- 208 L

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CORSICA TP & GEN-4 MARINE ENGINE OILS

CORSICA TP (TRUNK PISTON) MARINE ENGINE OILS are marine multi-functional crank-case lubricants for highly rated medium- speed diesel engines operating on residual fuel, specially formulated to help reduce deposits in critical areas (e.g. piston under crown) & gives long-term protection against corrosion of ferrous and non-ferrous metals.

CORSICA GEN 4 MARINE ENGINE OIL is a non-zinc and non-chlorine lubricant formulated with high-quality base stocks which provide low consumption characteristics, high-temperature oxidation resistance, and thermal stability. These base stocks are combined with specially selected stable additives resulting in an engine oil with well-balanced properties. CORSICA GEN 4 meets the requirements of an SAE 40 grade marine diesel engine oil and is suitable wherever API CF and/or CF-2 performance is specified and is rated an LMOA Generation 4 lubricant.

Applications

CORSICA TP (TRUNK PISTON) MARINE ENGINE OILS are designed for lubrication of medium-speed industrial or marine propulsion and auxiliary engines burning residual fuel oils & some medium and high-speed engines burning distillate fuel, where a high Base Number, high ash lubricant is suitable. Suitable for bearings and stern-tubes, reduction gear lubrication Control.

CORSICA GEN 4 MARINE ENGINE OIL 4 has been specifically formulated to meet requirements of heavily loaded diesel engines manufactured by EMD and used in marine applications. It is suitable for other marine diesel engines of the highest horsepower, or higher brake mean effective pressure (BMEP) using distillate fuels with a sulfur content up to 1.5 percent. It will lubricate such engines in drilling rigs and stationary power generation service as well.

Properties

CORSICA TP (TRUNK PISTON) MARINE ENGINE OILS combine an exclusive formulation of latest additive technologies and highly refined base oils to provide a substantial safety margin to cope with the higher stress levels even with the latest and future designs of diesel engines. Particularly suitable for low or very low oil consumption engines operating with a poor quality residual fuel.

CORSICA GEN 4 MARINE ENGINE OIL 4 is produced with high-quality base stocks and selected additives. These provide the oil with excellent lubricating properties, low consumption characteristics, high-temperature oxidation resistance and thermal stability. Also suitable for other high horsepower marine diesel engines using distillate fuels with a sulphur content up to 1.5%.

Product Benefits:

- Deposit Minimization
- Corrosion Prevention
- Economical Oil Usage
- Optimal Thermal Endurance
- Superior Load Handling



Recommendations / Specifications

CORSICA TP (TRUNK PISTON) MARINE ENGINE OILS Meets or exceeds the quality requirements of the all major medium speed engine manufacturers such as WÄRTSILÄ, MAN diesel, Caterpillar MaK, Yanmar, Daihatsu, HiMSEN & Rolls Royce.

API service: CF specification

CORSICA GEN 4 MARINE ENGINE OIL 4 Meets or exceeds the quality requirements of the engines manufactured by Alco, Detroit Diesel (API CF-2) and Fairbanks Morse.

TYPICAL TECHNICAL PROPERTIES

EMIRATES 1	TP 30/30	TP 40/40	GEN-4
SAE Viscosity Grade	30	40	40
Density at 15°C, g/ml, ASTM D4052	0.913	0.916	0.897
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	110	135	139
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	12	14	14.1
Viscosity Index, ASTM D2270	100	100	98
Flash Point(COC), °C, ASTM D92	212	205	260
Pour Point, °C, ASTM D97	-18	-18	-6
Total Base Number, mg KOH/g, ASTM D2896	30	40	13
Sulphated Ash, wt%, ASTM D 874	3.7	4.9	1.6
Zinc, PPM, Max., ASTM D5185	-	-	10
Chlorine PPM,MAX., ASTM D5185	-	-	50
Load Carrying Capacity (FZG) Fail Load Stage, (IP 334)	11	10	-

Available Packs

- 200 L
- 208 L
- 1000 L

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CORSICA ZINC FREE HYDRAULIC FLUIDS

(High Performance Anti-Wear)

CORSICA Zinc Free Hydraulic Fluids are premium, long-life formulation designed for high performance hydraulic systems. This advanced fluid provides outstanding operating and maintenance benefits for increased productivity and long service life.

CORSICA Zinc Free Anti-Wear Hydraulic Fluid is formulated using ultra-pure paraffinic base oils and high-performance ash less additive technology. This shear stable fluid has outstanding resistance to viscosity breakdown in the presence of heavy mechanical stress, high temperature, and high pressure resulting in optimum viscosity retention across the life of the fluid.

Applications

CORSICA Zinc Free Hydraulic Fluids are designed as an environmentally safer alternative to conventional zinc based hydraulic fluid and is an excellent high pressure, high temperature power transfer fluid where vane, piston, and gear pumps are utilized. This fluid may also be used as a general-purpose lubricant where straight mineral oils and conventional rust and oxidation inhibited oils are recommended in the appropriate viscosity grade. Such industrial applications may include (but are not limited to) machine tools, presses, die casting and injection molding machines among others. Typical applications for **CORSICA Zinc Free Anti-Wear Hydraulic Fluid** include (but are not limited to): Heavy duty mobile and stationary equipment in exploration, construction, agriculture, marine, logging and mining industries. Specialized hydraulic pump systems with silver bearings as there is no zinc to displace the silver. Multi-use industrial equipment lubricant for plain/ anti-friction bearings, air-line lubricators and other such uses.

Properties

CORSICA Zinc Free Hydraulic Fluids are classified as 'inherently biodegradable' and 'not harmful' to freshwater and marine invertebrates (OECD 202, US EPA OPPTS 850.1035). It is designed to minimize environmental impact and have low environmental persistence. This greatly reduces the immediate and long-term environmental impact of the fluid in the event of an oil spill. Zinc Free (ash less) additive technology utilizes specialized anti wear and friction modifying chemistry to achieve outstanding results in all key hydraulic component wear tests as well as a proprietary blend of metal passivation, demulsifier, rust inhibitor, and anti- foam agents for extended fluid life.

Product Benefits:

- High viscosity index
- Low environmental impact
- Optimal oil service life
- Superior thermal stability
- Smooth operation
- Zinc-free chemistry

Recommendations / Specifications

CORSICA Zinc Free Hydraulic Fluids meets the requirements of the following specifications and are recommended for use in (but not limited to):

Denison (HF-0, HF-1 and HF-2) ,

Eaton Vickers (I-186-S, M-2950-S) ,

Cincinnati Machine , Bosch Rexroth (mineral oil fluids for axial piston pumps RE 90220-01/09.09) , AIST 126 & 127, 136 , Cincinnati-Machine P-68, P-70, and P-69 , Denison HF- 0, HF-1, HF-2 , US Steel 127, 136 , GM LH-04-1, LH-06-1, LH-15-1 , Sauer Danfoss , DIN 51524 Part 2 & GM LS-2.



TYPICAL TECHNICAL PROPERTIES

ISO Viscosity Grade (Zinc Free)	32	46
Appearance, Visual	B&C	B&C
Density at 15°C, g/ml, ASTM D4052	0.86	0.862
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	32	46
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	5.47	7.05
Viscosity Index, ASTM D2270	105	110
Flash Point(COC), °C, ASTM D92	200	210
Pour Point, °C, ASTM D97	-45	-42
Zinc, wt. %, ASTM D5185	nil	nil

Available Packs

Cartons:

- 12 x 1 L
- 24 x 1 L
- 4 x 5 L
- 6 x 4 L
- 6 x 5 L

Pails:

- 20 L
- 25 L

Drums:

- 200 L
- 208 L

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CORSICA SYN TRANS GEAR OIL

(Full Synthetic Manual Transmission Fluid)

CORSICA SYN TRANS GEAR OILS are fully synthetic drivetrain lubricants engineered to meet the most demanding extended drain and OEM warranty requirements. These products are designed for use in heavy duty drivetrains that require gear lubricants with excellent load-carrying capability and where extreme pressures and shock loading are expected. The state-of-the-art technology delivers unequalled performance for low and high temperature applications, including outstanding oxidation stability, wear protection, corrosion resistance, improved shear stability, extended service capability and excellent fuel economy. In addition, these advanced gear oils are formulated with limited-slip additives that meet the performance specifications for service-fill limited-slip applications.

Applications

CORSICA SYN TRANS GEAR OILS are synthetic based oils designed for the lubrication of all gear boxes and axles requiring an API GL-5.

- Heavy duty manual transmissions, axles and final drives requiring API GL-5 and MT-1 performance
- On-highway light and heavy duty trucks, busses and vans
- Off-highway industries including construction, mining, quarrying, and agriculture
- Other heavy-duty industrial gear drives including hypoid and worm gears operating under conditions where high speed/shock load, high speed/low torque, and/or low speed/high torque conditions prevail
- Recommended for equipment such as winch reduction gears and crawler vehicle propulsion gear drives that are exposed to severe low temperatures

Product Features & Benefits

- Excellent synchronizer performance giving extended synchronizer life and shift comfort.
- Exceptional cold flow properties giving smoother gear shift at low temperatures.
- High load, high torque capability over a wide range of applications
- High Extreme-Pressure properties
- Excellent stability in service
- Fluid synthetic based multigrade oil
- Excellent hydraulic oil stability and protection against high pressure pump wear
- Benefits of a low viscosity at low temperature
- Contributes to protect mechanical parts and improve Drivability
- Excellent wear reducing properties, high oxidation Resistance and anti-rust properties



Recommendations / Specifications

Meet or exceed (but not limited to) the requirements of the following specifications.

API GL-5/MT-1, ArvinMeritor 076-E, O-76N Extended Drain ,SAE J2360,MIL-2105E/F ,Eaton Road ranger — E500/SHAES 256 Rev C, International – TMS-6816 ,Mack GO-J Plus, GO-J (and previous), STEMCO PPS+ and PPS wheel end systems ,Scania STO 1:0,AIST/US Steel 224 ,AGMA 9005-E02, 250.03, 250.04, 251.02, No. 4 ,CEC L-45-A-99 (20 hour shear).



TYPICAL TECHNICAL PROPERTIES

SAE Grade	75W-80	75W-90	75W-140
Density at 15°C, g/ml, ASTM D4052	0.868	0.870	0.875
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	62.1	114.3	234.55
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	10.5	16.9	30.2
Viscosity Index, ASTM D2270	160	162	170
Flash Point(COC), °C, ASTM D92	212	214	220
Pour Point, °C, ASTM D97	-48	-48	-39
Brookfield Viscosity at -40°C, Cp, ASTM D2983	90,000	92,000	120,000

Available Packs

Cartons:

- 12 x 1 L
- 24 x 1 L
- 4 x 5 L
- 6 x 4 L
- 6 x 5 L

Pails:

- 20 L
- 25 L

Drums:

- 200 L
- 208 L

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CORSICA LITHIUM COMPLEX GREASE

(High Temperature- Lithium Complex Grease)

Product Info & Application:

CORSICA LITHIUM COMPLEX GREASEs – 1/ 2/ 3 is a series of high quality, lithium complex grease having high water tolerance and mechanical stability, combined with excellent high temperature performance. These are ideally suited for application by centralized grease systems due to good resistance to oil separation under pressure mechanical stability.

CORSICA LITHIUM COMPLEX GREASEs – 1/ 2/ 3 provide excellent performance in anti-friction bearings and much longer life compared to Sodium or Lithium soap base greases. It is recommended for wheel bearings, earth moving equipment, gear couplings, electric motors and general industrial machinery. These greases are widely used in Steel Plants, Mining and Engineering Industry.

Product Benefits:

- Long service life
- Good shear stability and resistance to vibration
- High temperature grease
- Low friction torque
- Good pump ability
- Resistant to wash –off by water

TYPICAL TECHNICAL PROPERTIES

Thickener Type	Lithium	Lithium	Lithium
NLGI Classification	1	2	3
Texture	Smooth	Smooth	Smooth
Dropping Point °C, ASTM D 566	270	270	270
Worked Penetration @25°C 60 strokes, ASTM D 217	310/340	265/295	220/250
Wheel Bearing leakage after 6hrs @ 110°C gms, ASTM D 1263	<2	<2	<2
Water washout resistance %wt, ASTM D 1264	<5	<5	<5
Copper Strip Corrosion for 24hrs @100`C, ASTM D 4048	-ve	-ve	-ve

Available Packs

• 400 g • 500 g • 1 kg • 15 kg • 180 kg

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CORSICA WHEEL BEARING GREASE

(Sodium Base Grease)

Product Info & Application:

CORSICA WHEEL BEARING GREASE is Sodium –based grease specially developed for the lubrication of automotive wheel bearings over a wide range of temperature. It is particularly suitable where high bearing temperature occur on breaking from high speeds. These have excellent mechanical stability and high dropping point.

Product Benefits:

- Long service life.
- Good pump ability
- Excellent mechanical stability and high dropping
- Good shear –stability and resistance to vibration.

TYPICAL TECHNICAL PROPERTIES

Thickener Type	Sodium
NLGI Classification	3
Texture	Smooth , Homogenous
Color, Visual	Dark Brown
Dropping Point °C, ASTM D 566	200
Worked Penetration @25°C 60 strokes, ASTM D 217	220/250
Copper Strip Corrosion for 24hrs @100°C, ASTM D 4048	-ve

Available Packs

• 400 g • 500 g • 1 kg • 15 kg • 180 kg

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CORSICA MARINE SYSTEM OILS

(High Performance Anti-Wear)

CORSICA MARINE SYSTEM OILS are specifically designed for the crankcase lubrication of slow-speed, two-stroke crosshead diesel engines. Additionally, they are suitable for the plain bearings of turbochargers, shaft bearings, stern tubes, and seals. The formulation provides maximum anti-wear properties, superior rust protection in the presence of salt water, and excellent water separation characteristics.

Applications

CORSICA MARINE SYSTEM OILS are designed for crankshaft lubrication, cooled pistons, and shaft bearing lubrication. They are primarily recommended for use as system oils in late-model, high-output, crosshead diesel engines, especially those employing the system oil for piston cooling. These oils prevent or reduce deposit formation in the piston cooling spaces, maintaining piston cooling efficiency and reducing the incidence of piston top burning and piston crown cracking. They also prevent or reduce crankcase deposits and provide outstanding protection for heavily loaded bearings.

Highlights:

- Superior Detergency
- Exceptional Thermal Stability
- Good Antioxidant Properties
- Excellent Anti-Corrosion
- Remarkable Water Separation

Properties

CORSICA MARINE SYSTEM OILS are formulated from premium paraffinic base oils combined with a balanced additive system to provide excellent protection, even under the severe operating conditions of the latest high-output crosshead marine diesel engines. Additionally, the alkalinity is sufficient to neutralize crankcase contaminants and acidic combustion products in less demanding four-stroke trunk piston diesel engines running on distillate fuel.

Product Benefits

- Superior detergency levels ensure optimal engine cleanliness and efficiency.
- Exceptional thermal stability maintains performance under extreme temperatures.
- Outstanding antioxidant properties extend oil life and protect against oxidation.
- Excellent anti-rust and anti-corrosion features safeguard critical engine components.
- Better water separation capability prevents emulsification and maintains lubrication integrity.
- Excellent capacity for separating insolubles keeps the oil free from contaminants.
- High resistance to foaming ensures consistent lubrication and prevents cavitation.
- Advanced formulation reduces maintenance intervals and operational costs.
- Effective sludge control prevents deposit formation and maintains engine cleanliness.

TYPICAL TECHNICAL PROPERTIES

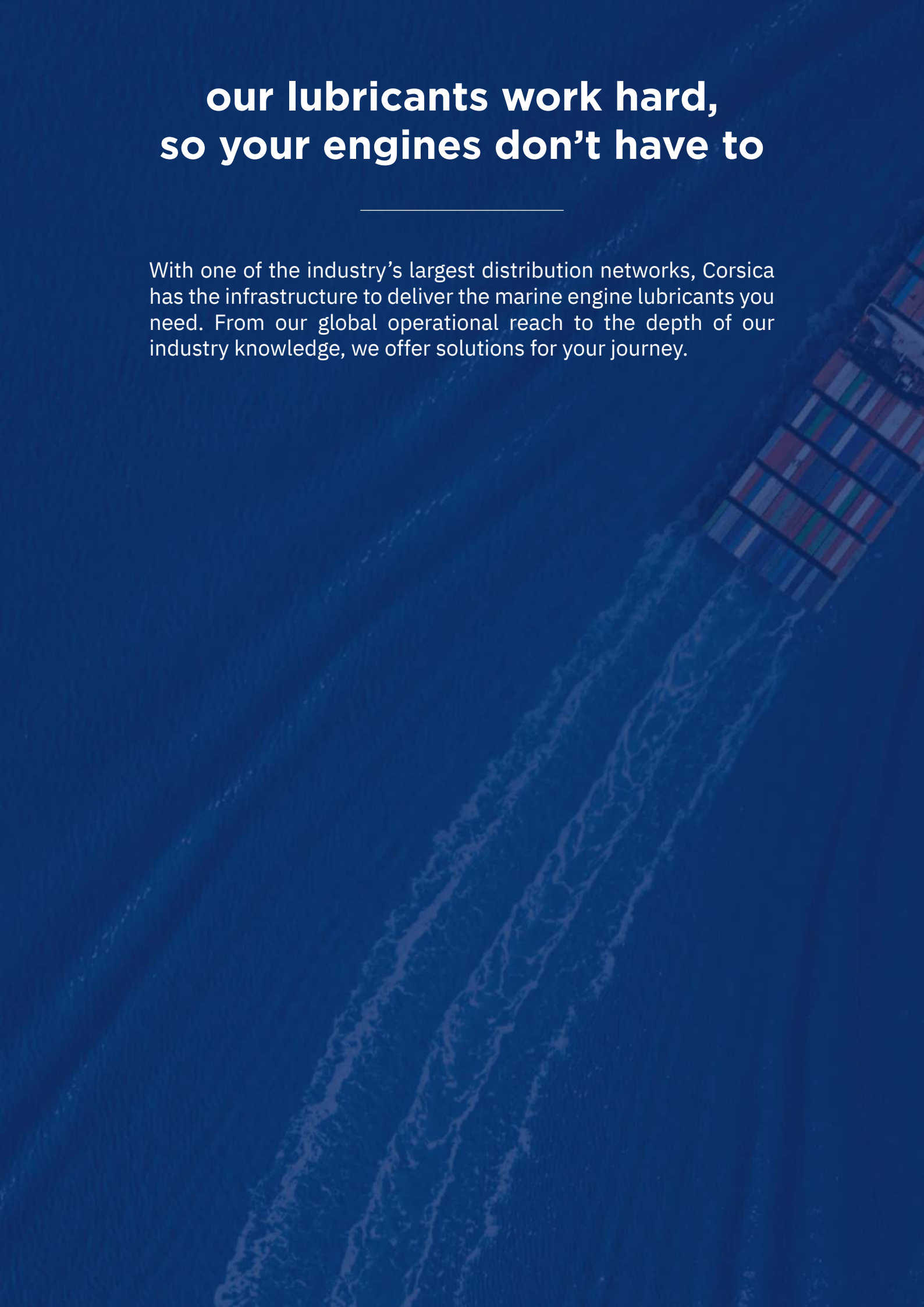
	2006	3006	4006
SAE Viscosity Grade	20	30	40
Density at 15°C, g/ml, ASTM D4052	0.890	0.890	0.894
Kinematic Viscosity at 40°C, mm²/s, ASTM D445	70.35	106.4	156.3
Kinematic Viscosity at 100°C, mm²/s, ASTM D445	8.7	11.5	14.9
Viscosity Index, ASTM D2270	95	95	95
Flash Point(COC), °C, ASTM D92	>230	>240	>240
Pour Point, °C, ASTM D97	-9	-9	-6
Total Base Number, mg KOH/g, ASTM D2896	6	6	6
Sulphated Ash, wt%, ASTM D 874	0.75	0.75	0.75

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our lubricants work hard, so your engines don't have to

With one of the industry's largest distribution networks, Corsica has the infrastructure to deliver the marine engine lubricants you need. From our global operational reach to the depth of our industry knowledge, we offer solutions for your journey.





Corsica

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