



Moeve
lubricants
for maritime
transport

moeve



We are an international company with more than 11,000 people dedicated to delivering **cleaner, more efficient, and more responsible energy**.

Our ambition is to be a driving force in Europe's energy transition and to guide you on your own journey toward decarbonization.

With over 90 years of experience in the energy sector, we operate all over the world and have **established ourselves as one of Spain's leading companies**.

In 2022, we launched our **Positive Motion** strategy to become a benchmark in the energy transition.

Since 2024, we have been Moeve, a decisive step that ensures today's energy supply while focusing on enabling the sustainable energy of tomorrow.

Our lubricants are also evolving. At our lubricant blending and packaging plant in San Roque, we now operate with 100% renewable electricity, a milestone that reduces our own emissions while enabling us to offer more sustainable solutions to your business.

At Moeve, we work throughout the entire energy value chain, driving a model that is increasingly sustainable.

Marine lubricants

Moeve offers you a **complete range of high-quality lubricants**, formulated to help you reduce your carbon footprint **without compromising the performance of your equipment**.

Our next-generation lubricants meet the latest regulations and ensure optimal performance for all onboard systems, from engines and hydraulic components to gears, compressors, turbines, stern tubes and specialized technical grease applications.

As a manufacturer, we guarantee reliable lubrication and **maximum performance** under a **distinctive brand identity**. This allows us to ensure maximum quality in every product, provide dependable delivery times through our **consolidated logistics network**, and offer exclusive technical support via our OilMonitor analysis and diagnostics service.

Discover the latest information about our products at **moeve.es**.





Engine

At Moeve, we offer a complete range of marine engine lubricants designed to meet the latest environmental regulations and lubrication demands anywhere in the world.

With our **Moeve Petrel** and **Moeve Larus** product lines, you can operate with total confidence in dual-fuel engines that switch between **Natural Gas** and **Light Fuel Oil** or **Heavy Fuel Oil**, always meeting manufacturers' requirements.

Our marine lubricants are designed to protect your engines, ensure their cleanliness, and help you reduce maintenance costs.

We work alongside you to meet any need:

- Slow engines
- Medium-speed engines
- High-speed engines



Slow engines

Cylinder oil

Engine

Moeve Gavia 4050 DX		
TBN Grade	40	
SAE Grade	50	
Quality level	MAN B&W Diesel CAT II	WIN GD
Description	<p>Premium-quality cylinder lubricant for slow-speed, two-stroke marine diesel engines running on VLSFO (Very Low Sulphur Fuel Oil) with low sulfur content (>0.1%, up to 0.5%) and requiring the MAN B&W Diesel Cat II specification. This product has been developed to deliver superior engine protection under the most demanding conditions of the latest generation of engines.</p> <p>Formulated with first-refining paraffinic base oils and carefully selected additives, it provides an optimized alkaline reserve (TBN 40) tailored to the new fuels introduced under IMO 2020 regulations. It also offers outstanding wear protection and advanced engine cleanliness. It provides optimum control of deposits thanks to its excellent thermal stability and oxidation.</p>	

Moeve Gavia 4050		
TBN Grade	40	
SAE Grade	50	
Quality level	MAN B&W Diesel CAT I	WIN GD
Description	<p>Cylinder lubricant for slow-speed, two-stroke marine diesel engines operating on VLSFO (Very Low Sulphur Fuel Oil) with low sulfur content (>0.1%, up to 0.5%).</p> <p>Formulated with first-refining paraffinic base oils and cutting-edge additive technology, it provides an alkaline reserve (TBN 40) adapted to the new fuels introduced under the IMO 2020 standard, delivering outstanding anti-wear protection for cylinder liners, as well as excellent cleanliness for piston ring housing and rings. In addition, it provides optimum control of deposits thanks to its excellent thermal stability and oxidation.</p>	

Moeve Gavia 7050	
TBN Grade	70
SAE Grade	50
Quality level	MAN B&W Diesel CAT IWIN GD
Description	Cylinder lubricant for slow-speed, two-stroke marine diesel engines operating on fuel with a sulfur content between 1% and 3.5%. Formulated with very high detergency (TBN 70) and high viscosity (20 cSt at 100°C) to ensure that the lubricant film is well distributed and maintained. Its additives are specifically developed to provide a high level of engine cleanliness and superior protection against corrosive acids.

Moeve Gavia 10050	
TBN Grade	100
SAE Grade	50
Quality level	MAN B&W DieselWIN GD
Description	Cylinder lubricant for slow-speed, two-stroke marine diesel engines operating on fuel with a sulfur content between 1% and 3.5%. Formulated with very high detergency (TBN 100) and high viscosity (20 cSt at 100°C), it provides optimal protection for engines by preventing cold corrosion phenomena. Its specially developed additives deliver exceptional engine cleanliness and ensure effective neutralization of corrosive acids.

Moeve Ciconia 30	
TBN Grade	5
SAE Grade	30
Quality level	MAN B&W DieselWIN GD
Description	Sump lubricant for high-power slow two-stroke marine diesel engines. Formulated with base oils and additives that provide excellent anti-foaming properties, allowing for extended service life, improved lubrication efficiency of the bearings, and enhanced overall cleanliness of the sump circulation system.

Medium-speed engines

Engine

Moeve Larus 2040, Moeve Larus 3030, Moeve Larus 3040 and Moeve Larus 4040	
TBN Grade	20, 30 and 40
SAE Grade	30 and 40
Quality level	MAN Diesel & TurboWärtsilä
Description	<p>Lubricante diseñado para motores marinos de 4 tiempos de velocidad Lubricant designed for medium-speed, four-stroke marine engines running on residual HFO fuels with high sulfur content (up to 3.5%).</p> <p>Developed with new technology to deliver high performance against thermal degradation and oxidation. It incorporates state-of-the-art detergent additives that ensure excellent oil–fuel compatibility and high base number retention. This results in improved cleanliness of piston rings and pistons, greater protection against acid-induced corrosion, and longer lubricant service life.</p>

Moeve Petrel 1530 and Moeve Petrel 1540	
TBN Grade	15
SAE Grade	30 and 40
Quality level	API CFMirrlees Blackstone (SAE30)
Description	<p>Lubricant developed for four-stroke marine diesel engines operating under harsh or moderate conditions, using fuels with low or medium sulfur content.</p> <p>Formulated with powerful antioxidant additives that provide high resistance to oxidation and thermal degradation, in addition to detergent-dispersant additives that provide excellent base number retention, allowing for longer drain intervals, cleaner engines and high protection against corrosive wear.</p>

Moeve Petrel 1340 NZ	
TBN Grade	13
SAE Grade	40
Quality level	API CF2 / SF, LMOA Gen 5, G.E. Gen 4 Long life, EMD Gen 5 and Caterpillar 3600
Description	<p>Lubricant developed for medium- or high-speed, four-stroke marine engines that require a zinc-free engine oil formulation.</p> <p>Formulated with straight-refined base oils and selected additives to provide maximum engine care protect the various components, this lubricant is particularly suitable for engines with silver bearings.</p>

Moeve Petrel HDL 40	
TBN Grade	15
SAE Grade	40
Quality level	API CH-4, MIL-PRF-2104-G, MIL-PRF-9000-K, Deutz DQC I-02, MAN M 270, MTU Type 2
Description	<p>Lubricant developed for four-stroke marine diesel engines operating under very high effective pressures, using fuels with low or medium sulfur content.</p> <p>Developed with high-quality base oils and antioxidant, detergent-dispersant additives of the latest technology, it achieves effective reduction of lacquer formation on the cylinder liner, as well as control and removal of deposits and sludge caused by fuel contaminants and harsh operating conditions. The result is improved overall engine cleanliness, reduced liner polishing and piston ring sticking, preventing high lubricant consumption and corrosive wear.</p>



Moeve Petrel 1240	
TBN Grade	12
SAE Grade	40
Quality level	API CF - CF2/MIL PRF 9000 L OTAN O-278
Description	<p>Lubricant developed for use in marine and stationary diesel engines operating at medium and high speeds, using marine distillate fuels (ISO 8217 DMX, DMA) where the MIL 9000 L military specification is required.</p> <p>Formulated with first-refining paraffinic base oils and high-quality additives, it guarantees optimal protection against deposit formation due to the product's detergent-dispersant properties, as well as high thermal stability and anti-wear capacity.</p>

High-speed engines

Engine


Moeve Ocean 15W-40	
TBN Grade	10
SAE Grade	15W-40
Quality level	API CK-4, ACEA E7/E9, MAN 3775, Volvo VDS 4.5, Cummins CES 20086, MACK EO-N, Deutz DQCIII-18 LA and Caterpillar ECF-3
Description	<p>Lubricant developed for use in latest-generation, high-performance four-stroke diesel engines, operating under harsh conditions and guaranteeing exceptional performance. It meets or exceeds OEM requirements.</p> <p>Formulated with highly refined base oils, which give high resistance to oxidation and degradation, as well as providing stable viscosity at high temperatures and low volatility, thereby decreasing lubricant consumption. Compatible with engines equipped with exhaust after-treatment systems, such as particulate filters (DPF), which require low ash oils, optimizing their service life and saving on maintenance.</p>



Moeve Overseas 15W-40	
TBN Grade	15
SAE Grade	15W-40
Quality level	API CI-4, ACEA E7, MAN 3275-1, DTFR 15B110 (MB 228.3), Volvo VDS-3, MACK EO-N, Renault RLD -2, Cummins CES 20078, MTU type 2 and Caterpillar ECF-2
Description	<p>Lubricant developed to meet the current requirements of four-stroke diesel engines used in the marine sector, operating with current low sulfur diesels (less than 50 ppm) and not equipped with gas post-treatment systems.</p> <p>Formulated with highly refined base oils, which give high resistance to oxidation and degradation, as well as providing stable viscosity at high temperatures and low volatility, thereby decreasing lubricant consumption. Thanks to its special balance of detergent and dispersant additives, it removes deposits in piston valves and rings, avoiding its accumulation and providing for the appearance of wear and oil leakage.</p>

Moeve Sea 15W-40	
TBN Grade	11
SAE Grade	15W-40
Quality level	API CI-4, ACEA E7, MAN 3275-1, DTFR 15B110 (MB 228.3), Volvo VDS-3, MACK EO-N, Cummins CES 20078 and Caterpillar ECF-2
Description	<p>Multi-grade lubricant designed for high-speed turbocharged or naturally aspirated diesel engines, including those operating under harsh conditions.</p> <p>Formulated with antioxidant and detergent-dispersant additives to minimize the effects of soot and high temperatures, it minimizes wear, improves overall engine cleanliness and lengthens lubricant service life.</p>





Auxiliary machinery

At **Moeve**, we develop specialized lubricants for auxiliary machinery, including biodegradable oils for applications that may contaminate the marine environment, as well as for vessels operating in waters where lubricants compliant with **EAL** (Environmentally Acceptable Lubricants) regulations are required.

Our range of hydraulic oils, specially formulated for the marine environment, **ensures antiwear properties, corrosion protection, oxidation resistance, and efficient water separation.**

For extra protection of your gears, our oils with extreme-pressure additives are designed to provide outstanding resistance to wear, even in equipment operating under heavy loads or harsh service conditions.

We complete this range of oils with products designed for other applications that may arise on board, such as compressors, thermal transfer systems, stern tube seals, and others. In addition, we also offer a complete range of marine greases to cover all your operational needs.

- › Hydraulics
- › Gears
- › Compressors
- › Turbines and circulators
- › Sterntubes
- › Other applications
- › Greases

Hydraulics

Auxiliary machinery

Moeve Mistral HX	
ISO Grade	15, 32, 46, 68, 100 and 150
Quality level	DIN 51524 Part 3 HVLP, ISO 6743-4 HV, ISO 11158 HV, AFNOR NF-E 48-603 HV, FILTRABILIDAD ISO (Dry&Wet), PARKER DENISON HF-0, HF-1, HF-2, Bosch-REXROTH 90220, EATON Brochure 03-401-2012, FIVES CINCINNATI P-68 (ISO 32) y P-69 (ISO 68), P-70 (ISO 46)
Description	<p>Hydraulic fluid characterized by its high viscosity index, formulated with highly refined special paraffinic base oils and a selected latest-generation additive package. It has excellent thermal and oxidation stability properties, as well as high anti-wear capacity.</p> <p>Recommended for hydraulic systems of marine equipment installed on vessels with wide temperature variations, maximum pressure requirements, and for applications in circuits containing servo-valves.</p>

Moeve Mistral	
ISO Grade	32, 46 and 68
Quality level	DIN 51524 Part 2 HLP, ISO 6743-4 HM, ISO 11158 HM, AFNOR NF-E 48-603 HM, Filterability AFNOR (Dry&Wet), PARKER DENISON HF-0, HF-1, HF-2, EATON Brochure 03-401-2012, BOSCH-REXROTH 90220 (ISO 46), FIVES CINCINNATI P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46), ENGEL (ISO 46)
Description	<p>Hydraulic fluid with high anti-wear capacity, high oxidation resistance, and excellent filterability, formulated with highly refined paraffinic base oils and a selected additive package. Meets the viscosity requirements of most hydraulic systems in marine equipment.</p> <p>Specially formulated to meet the demands of high-pressure marine hydrostatic systems (particularly those incorporating the latest-generation vane and piston pumps).</p>

Moeve Bio Hydrostar HVLP	
ISO Grade	32, 46 and 68
Quality level	VDMA 24568 class HEES ISO 15380 class HEES EAL type for compliance with VGP 2013
Description	<p>Synthetic EAL hydraulic fluid (Environmentally Acceptable Lubricant) specially developed for applications where a biodegradable product is required to comply with VGP (Vessel General Permit) regulations. It allows you to work at a wide range of temperatures while maintaining excellent lubricating, anti-wear, and anti-corrosion properties.</p> <p>Specially recommended for hydraulic systems operating under harsh use conditions requiring good antiwear properties and a high viscosity index that is stable over time.</p>

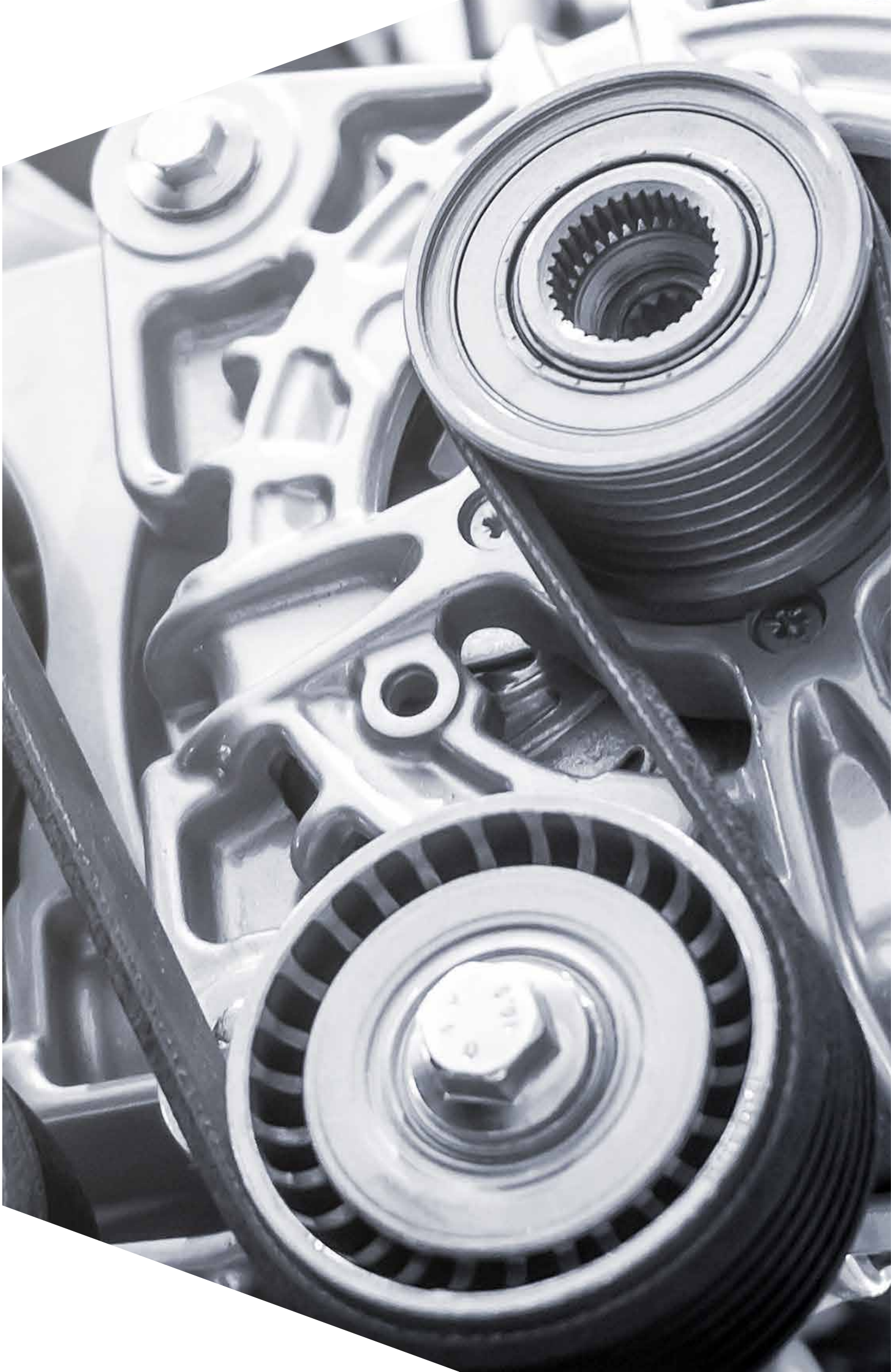


Gears

Auxiliary machinery

Moeve Rada XMP	
ISO Grade	68, 100, 150, 220, 320 and 460
Quality level	DIN 51517 Part 3 CLP, ISO 12925-1 Tipo CKC / CKD, FIVES CINCINNATI P-Specs, AIST 224, DAVID BROWN S1.53.101 Type E, SIEMENS FLENDER AG Rev. 13, MÜLLER WEINGARTEN and AGMA 9005-F16 AntiScuff
Description	<p>Very high-quality mineral-based gear lubricants. They offer great thermal and oxidation stability, resistance to foaming, and excellent extreme-pressure properties.</p> <p>They prevent sludge formation and the pitting of gear teeth, thus increasing service life. They also limit power loss due to friction and are highly compatible with gasket materials.</p> <p>Their outstanding extreme-pressure properties make them essential for heavily loaded reducers where there is a risk of micropitting, as is the case with some marine reducer manufacturers.</p>

Moeve Gear HPX	
ISO Grade	150, 220, 320 and 460
Quality level	DIN 51517 Part 3 CLP, ISO 12925-1 Type CKC / CKD / CKS, AGMA 9005-F16 AntiScuff, AIST 224, DAVID BROWN S1.53.106 and FIVES CINCINNATI P-Specs
Description	<p>High-performance synthetic gear lubricant with excellent properties such as a high viscosity index, low pour point, and prevention of lacquer, deposit, and varnish formation. This product is non-corrosive to copper.</p> <p>Recommended for a wide range of applications under harsh operating conditions, operating under heavy loads and at low speeds. Maintains its properties across a wide temperature range, even at high temperatures where conventional lubricants would quickly oxidize. It is highly resistant to micropitting. This reduces lubricant consumption, thereby extending oil change intervals.</p>



Compressors

Auxiliary machinery

Moeve Compressor AR	
ISO Grade	46, 68 and 100
Quality level	DIN 51506, Types VC-L, DIN 51506, Types VD-L
Description	Lubricant with high oxidation resistance and strong anti-rust properties. Its characteristics help minimize deposits on valves and hot areas, reducing equipment downtime and consequently lowering maintenance costs. Also provides excellent wear protection for piston rings and cylinder liners. This lubricant is recommended for cylinders and bearings for rotating and alternating compressors for air and inert gases with one or more stages working under normal or harsh conditions.

Moeve Compressor ARS	
ISO Grade	46 and 68
Quality level	DIN 51506, Types VC-L and ISO 6743/3 (DAC and DAJ)
Description	<p>Synthetic lubricant, formulated with polyalphaolefins, extending change intervals compared to those using mineral base oils. It is a product with excellent thermal stability and low volatility, a high viscosity index, and a low friction coefficient. Prevents the formation of carbon deposits and varnishes, and provides protection against corrosion and rust.</p> <p>Developed to meet the most stringent specifications of air compressor manufacturers, for both vane and screw compressors.</p>

Moeve Compressor ES	
ISO Grade	100
Quality level	DIN 51506, Types VD-L and ISO 6743/3
Description	<p>Synthetic ester-based lubricant that provides excellent wear protection, oxidation resistance, and thermal degradation resistance at levels far superior to mineral-based lubricants. This helps reduce wear on cylinders, rings, and bearings, keeping air compressors cleaner and minimizing valve deposits.</p> <p>Product specially developed to meet the most stringent specifications of reciprocating air compressor manufacturers, operating under extreme conditions with discharge temperatures up to 200°C and startup temperatures of -20°C. Recommended for reciprocating air compressors used in marine, industrial, and stationary applications.</p>

Moeve Norther HFC	
ISO Grade	32 and 68
Quality level	AERZEN, BOCK, FRASCOLD, GRAM, GRASSO, HOWDEN, MCQUAY, SABROE SULZER, YORK, ISO 6743/3: DRD
Description	Synthetic lubricant based on synthesized polyol esters and an exclusive additive package to provide excellent wear protection. It is a product with excellent thermal, chemical, and hydrolytic stability. Improves the efficiency of refrigeration equipment by reducing maintenance costs while providing good lubricity and oil separation properties. Exhibits excellent high-temperature performance in the presence of coolant, water, and metal components. Designed for the lubrication of refrigeration compressors using ozone-friendly HFC-type coolants.

Moeve Boreal	
ISO Grade	68
Quality level	DIN 51503 KAA / KC / KE
Description	<p>Highly refined naphthenic high-quality lubricant that achieves maximum performance in refrigeration systems, extending compressor service life. Prevents the formation and deposition of crystalline products in the refrigeration circuit. A product with good chemical stability, excellent high-temperature flow, and very stable performance.</p> <p>Specifically recommended for the lubrication of refrigeration compressors using ammonia, carbon dioxide, Freon 12, and R22 as coolants. The operation and design of refrigeration compressors, aimed at producing low temperatures (for example, for food preservation), require the use of very specific products such as Moeve Boreal.</p>



Turbines and circulators

Auxiliary machinery

Moeve Turbine HD	
ISO Grade	32, 46 and 68
Quality level	ISO 6743-5 L TSA/TGA/TGB, DIN 51515 Part II (L-TG), British Standard 489 (CIGRE), CEEB Standard 207001, General Electric GEK 107395A, General Electric GEK 28143A M29 Siemens, MAT 812101/02 MIL-L-17672 D, AIST 120, 126, General Electric GEK 32568H ALSTOM, HTGD 90 117 (no EP), Siemens TLV 901304/901305 (no EP), ASTM D-4304, Type JIS K, FIVES CINCINNATI P-Specs, General Electric GEK 4650 MAN Turbo – TED 10000494596, Solar ES 9-224Y Class II 6E
Description	<p>Lubricant formulated with highly refined and hydrotreated paraffinic base oils and a selected additive package that provides excellent properties for multiple applications. Ensures excellent protection and lubrication of turbine components. Offers high anti-rust performance, chemical and thermal stability, and rapid air release.</p> <p>Specifically recommended for steam, gas, and hydraulic turbines that require a product with a long service life and high oxidation stability.</p>

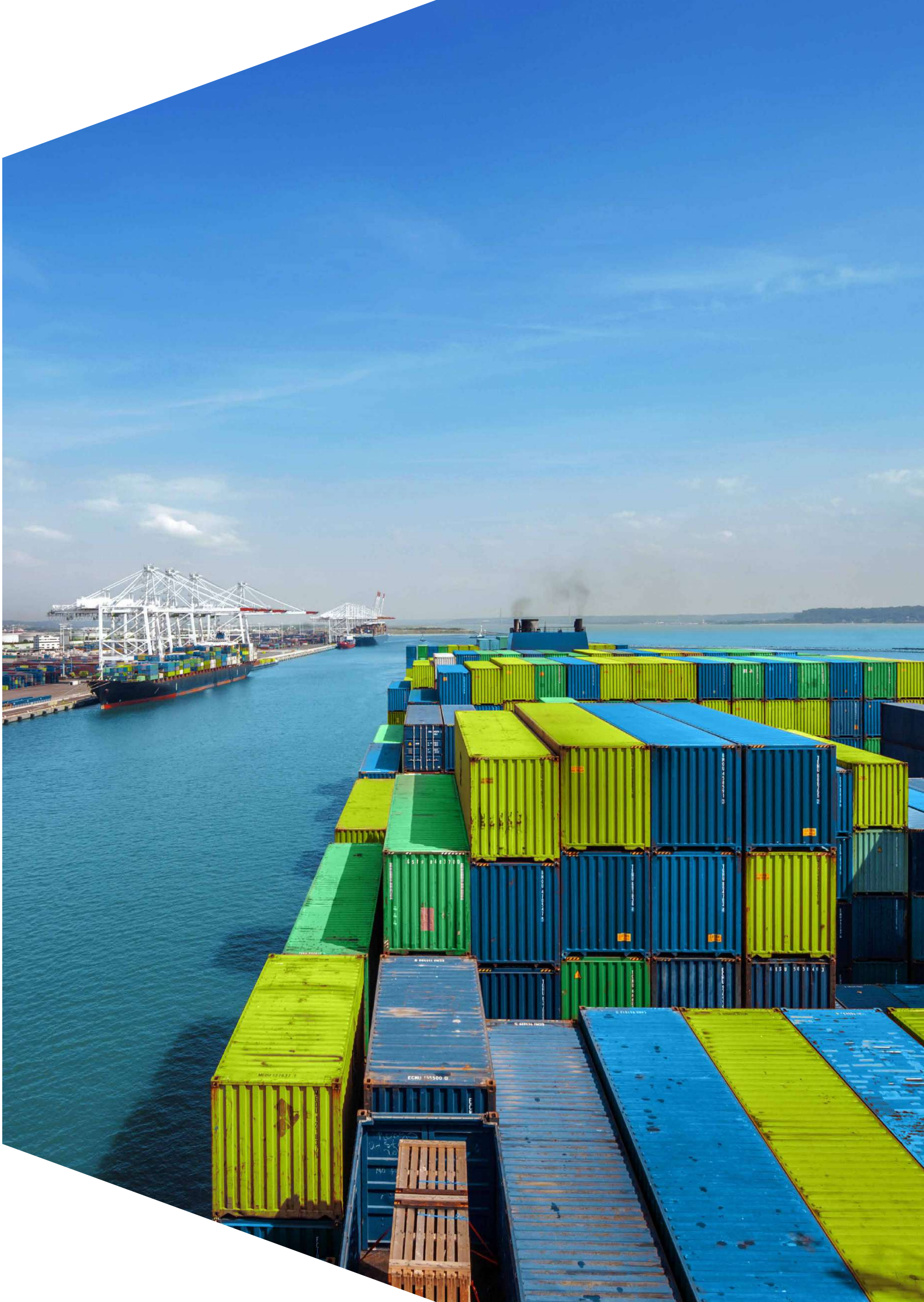
Moeve Circulating R&O	
ISO Grade	100, 150, 220, 320 and 460
Quality level	DIN 51524 Part 1 (HL), ISO 6743-2 FC, DIN 51517 (CL) and ISO 6743-4 HL
Description	<p>High-quality, “universal use” lubricant formulated with paraffinic base oils and a selected additive package to provide the necessary properties for multiple applications. It is a long-life product with anti-rust and anti-corrosion properties, resistant to oxidation, and with thermal and chemical stability, covering a wide range of operating temperatures.</p>

Sterntubes

Auxiliary machinery

Moeve Sterna	
Description	<p>High-viscosity, high-performance lubricant. Quickly emulsifies with seawater, maintaining a stable emulsion with excellent lubricating properties, and protects critical sterntube surfaces against corrosion, even during prolonged operation under harsh conditions.</p> <p>Specially recommended for bearings/sterntube closures of vessels where lubricants with emulsifying characteristics are required. Specially developed for the lubrication of Cedervall-type sterntubes installed on ships, and for certain fin stabilizer bearings installed on passenger vessels.</p>

Moeve Sterna BIO	
Description	<p>Synthetic hydraulic EAL (environmentally acceptable lubricant) fluid specially designed for vessel sterntubes. Also developed for any application where a biodegradable product is required that complies with the 2013 VGP (Vessel General Permit) legislation. It has excellent anti-wear and anti-corrosion properties, and a naturally high viscosity index that remains stable over time. Allows you to work at a wide range of temperatures.</p> <p>Particularly recommended when there is a risk of water contamination, for hydraulic systems operating under harsh conditions.</p> <p>It is compatible with the gaskets used in hydraulic circuits (Viton, Perbunan, nitrile NBR, Neoprene, silicone, etc.).</p>



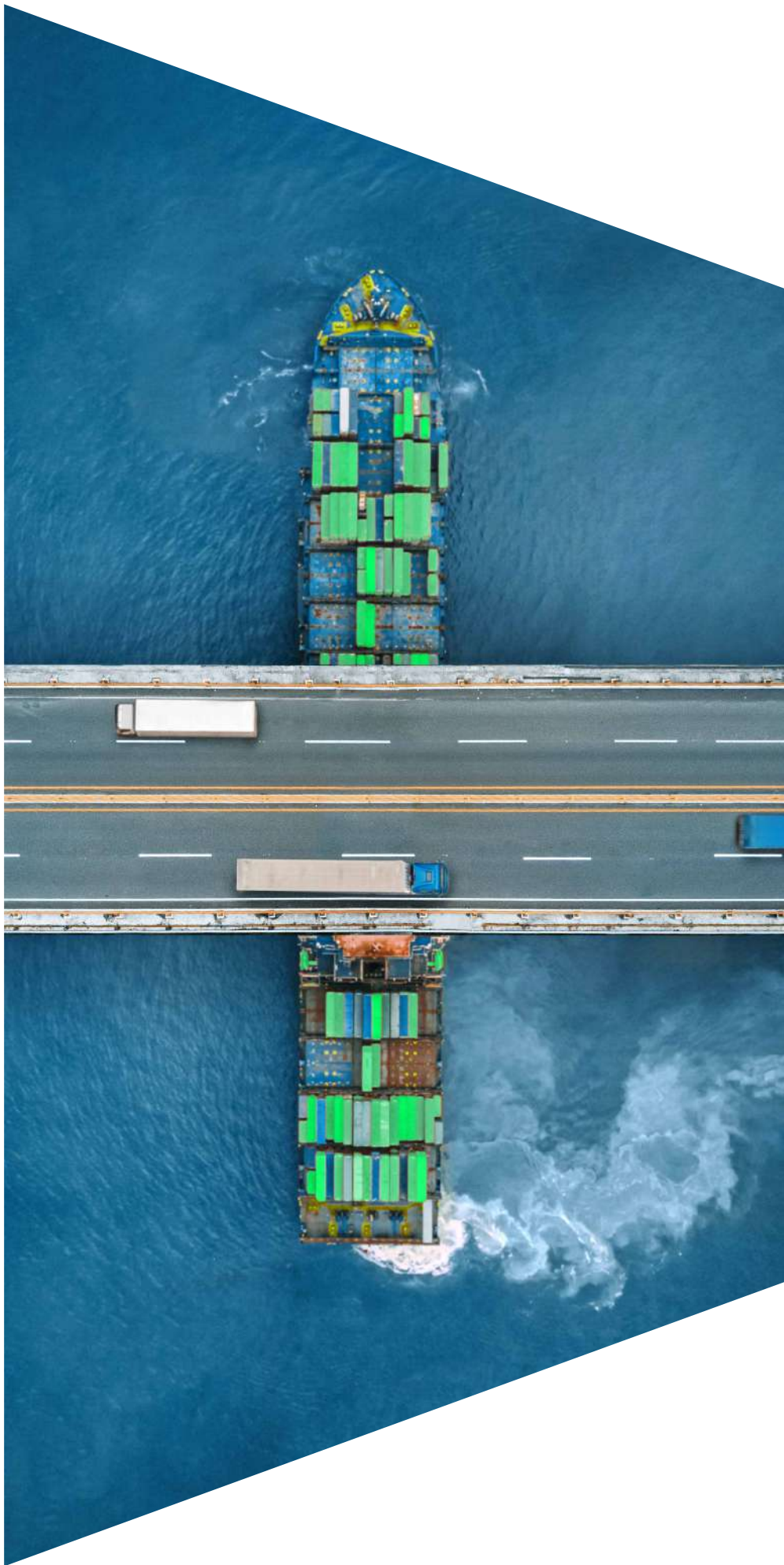
Other applications

Auxiliary machinery

Moeve Diatherm	
ISO Grade	32
Description	<p>Lubricant formulated with highly refined paraffinic base oils and a special additive package, resulting in a highly stable product with high performance and resistance to high temperatures.</p> <p>Reduces pumping costs by minimizing frictional losses. Also keeps heat transfer systems free of deposits, thereby extending change intervals.</p> <p>Particularly recommended for heat transfer in closed circulation systems, at boundary layer temperatures of up to 315 C.</p>

Moeve Drill	
ISO Grade	100
Description	<p>Lubricant formulated with highly refined paraffinic base oils and a special additive package, resulting in a product with excellent properties. Particularly recommended for reducing wear in air compressors and moving parts of pneumatic tools.</p> <p>Provides maximum wear and rust prevention. Its optimal fluidity at low temperature ensures perfect functioning of the equipment.</p>





Greases

Auxiliary machinery

Moeve Arga Lithium	
Consistency grades	NLGI 2 and 3
Temperature range	-25 to 120° C
Description	Multipurpose lithium soap grease suitable for all types of bearings and plain bearings, formulated with additives to provide rust protection, corrosion resistance, and antioxidation. The NLGI 3 grade is specially recommended for bearings in alternators and electric motors.

Moeve Arga WR EP	
Consistency grades	NGLI 2
Temperature range	-20 to 150° C
Description	<p>Calcium-Lithium grease with high film strength and enhanced lubricity, featuring excellent water-repellent properties and EP (Extreme Pressure) performance.</p> <p>Recommended for lubricating ball and roller bearings, in addition to bearings subjected to heavy loads and slow speeds, open gears, cables, etc. Specially recommended for deck machinery, fishing vessels and dredgers where a grease with good water washout resistance is required.</p>

Moeve Arga Lithium EP	
Consistency grades	NLGI 0.1 and 2
Temperature range	-20 to 130° C
Description	<p>Lithium soap grease, universal type with Extreme Pressure (EP) additives. These additives provide good anti-rust, anti-corrosion, anti-oxidation and anti-wear protection. They are highly resistant to moisture and practically insoluble in water.</p> <p>Specially recommended for the lubrication of flat bearings and ball and roller bearings, and generally in mechanisms subjected to high loads where anti-wear and high-performance protection is required in lubrication.</p>

Moeve Arga Complex Lithium EP	
Consistency grades	NGLI 2.5
Temperature range	-30 to 150° C
Description	Multi-purpose lithium complex soap grease for marine applications, with high EP properties and excellent water resistance. Suitable for the lubrication of small and medium-sized bearings subject to medium or heavy loads, in a very wide range of temperatures.

Moeve Arga Force OGW	
Consistency grades	NGLI 00
Temperature range	-25 to 120° C
Description	<p>Semi-synthetic grease, highly adhesive and corrosion-resistant. It includes solid lubricants and other additives that have been carefully studied to provide total stability in the presence of high pressures and loads. The grease contains no compounds that are harmful to the environment.</p> <p>Formulation designed for ship winch cables, fishing vessels, tugboats, and open gears. Improves operational conditions and allows the running-in and seating of surfaces through plastic deflection of the metal, achieving reduced wear, absence of pitting, seizing, and quieter operation.</p>

Moeve Arga Biogrease	
Consistency grades	NLGI 2
Temperature range	-30 to 130° C
Description	<p>Grease specially developed for applications requiring biodegradability. It is formulated from a natural ester, complex lithium-calcium soap, and a selection of antioxidant, anti-corrosion, and extreme pressure (EP) additives, with very low environmental impact.</p> <p>It provides excellent anti-wear and extreme pressure lubricating properties. It is highly resistant to hydrocarbons and has outstanding anti-corrosion properties, making it the ideal product for use in nautical mechanisms.</p>

Moeve Arga SYNT	
Consistency grades	NLGI 1.5
Temperature range	-40 to 200° C
Description	<p>High-viscosity PAO-type synthetic grease with a high-quality lithium complex thickener. It contains antioxidants, corrosion inhibitors, and EP/AW additives, providing excellent wear protection at both low and high temperatures.</p> <p>Recommended for extended performance in nearly all grease applications required on shipboard equipment. Applied where high protection against wear, oxidation, and corrosion is needed. Provides protection particularly suitable for bearings subjected to heavy loads at moderate speeds.</p>

Moeve Arga CASUX	
Consistency grades	NLGI 1.5
Temperature range	-20 to 140° C
Description	Next-generation, high-performance grease, recommended for industrial, marine, and off-road applications. It is formulated with a complex calcium sulfonate soap thickener, providing built-in anti-wear and EP (Extreme Pressure) properties, as well as excellent anti-corrosion performance.

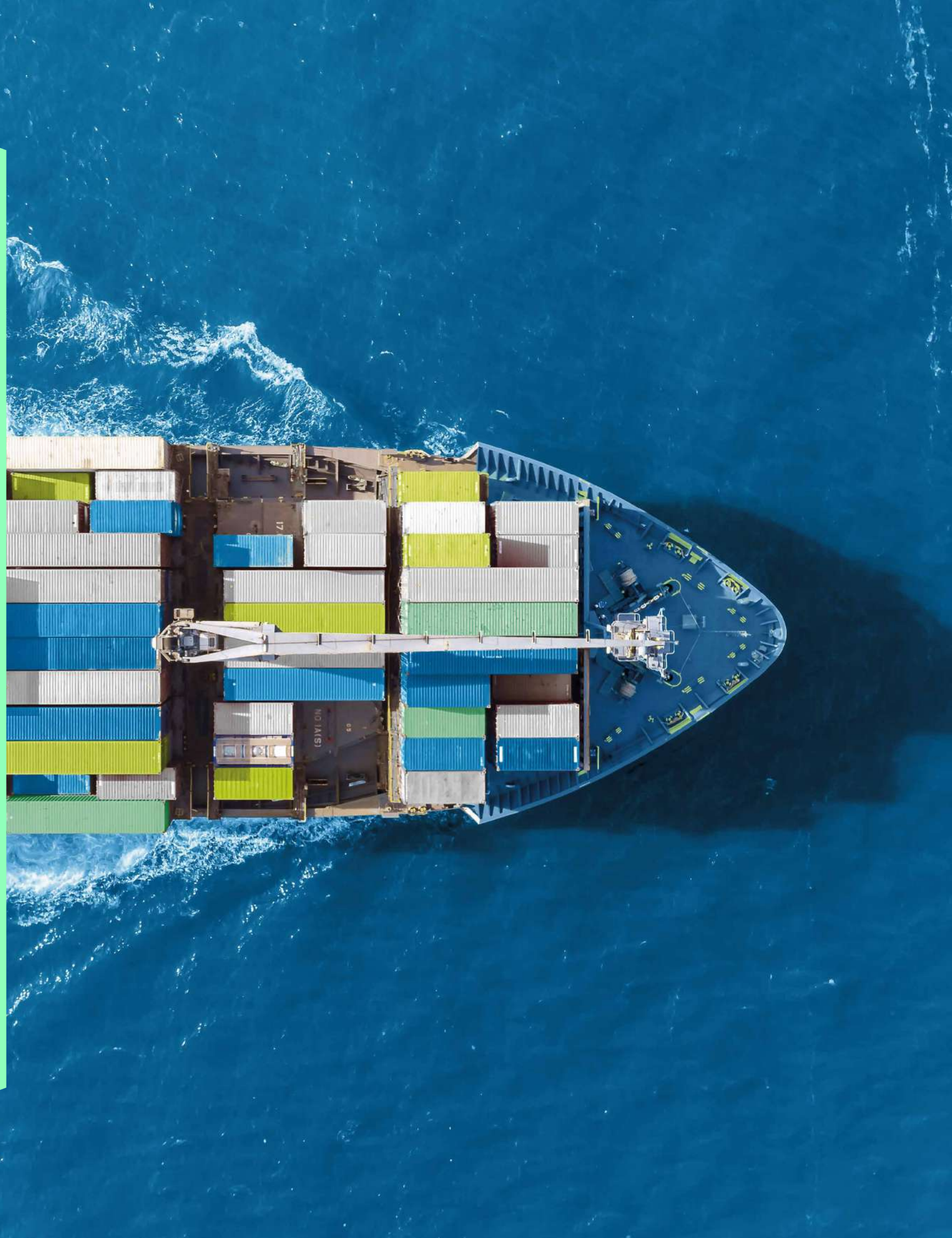


OilMonitor

OilMonitor is our advanced analysis system. It helps you understand the actual condition of your marine lubricants in service, allowing you to optimize maintenance and the profitability of your shipboard equipment.

Through a systematic process of sampling and analysis at our Research Center, OilMonitor provides fast, precise, and detailed diagnostics, along with practical recommendations that enable you to:

- **Anticipate the optimal time** for oil changes and avoid unnecessary replacements.
- **Quickly detect wear**, contamination, or anomalies that could compromise the service life of your equipment.
- **Optimize change intervals.**
- **Periodically evaluate the performance and efficiency of lubricants and equipment.**





moeve

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