



Marine Lubricants

**formulated for
today and tomorrow**



Protección integral desde el interior

Texaco® puede ayudar a mejorar la confiabilidad y eficiencia de todo su equipo marino a bordo.

Gracias a nuestra combinación de lubricantes de primera calidad, profundo conocimiento del sector y servicios especializados, podemos ayudarlo a aumentar la productividad, reducir los costos operativos y navegar incluso en las aguas más difíciles con la máxima responsabilidad.

Bow thrusters

Clarity Synthetic EA Gear Oil
Meropa
Meropa XL

Conveyor

Delo Starplex EP 2
Clarity Synthetic EA Grease
Molytex EP 2
Multifak 264 EP 00/000
Multifak EP
Multifak Premium 3
Multifak T EP 2
Novatex EP 2

Rigging/wire rope

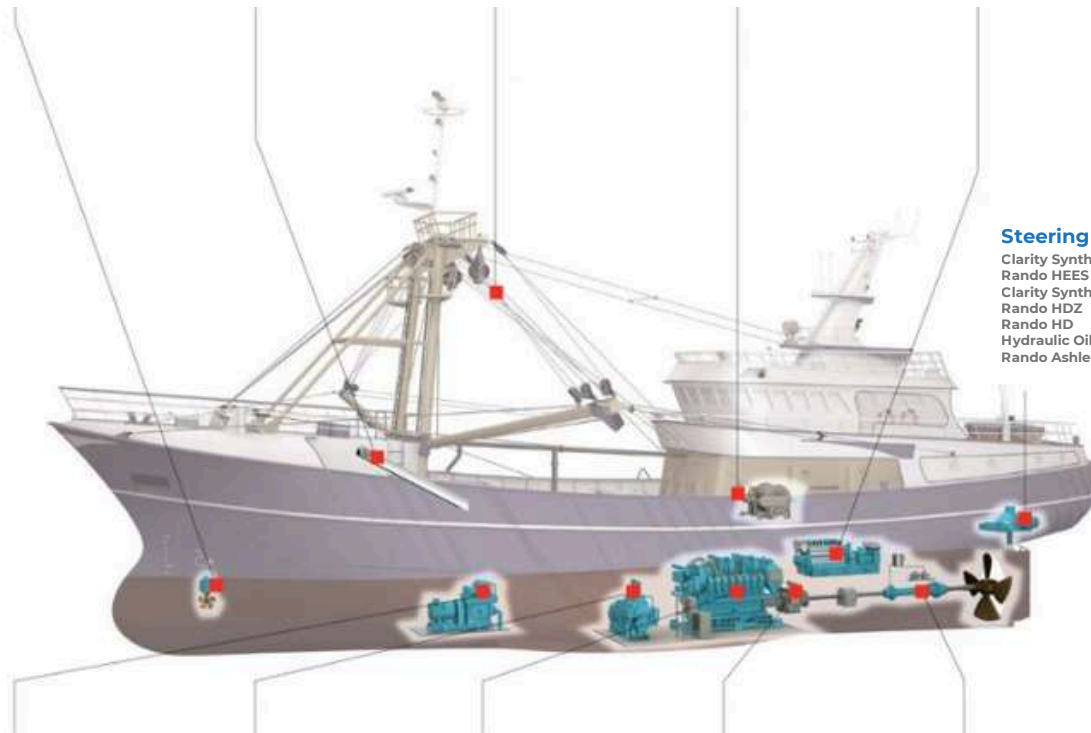
Delo Starplex EP 2
Clarity Synthetic EA Grease
Molytex EP 2
Multifak 264 EP 00/000
Multifak EP
Novatex EP 2

Deck winch

Clarity Synthetic Hydraulic Oil AW
Rando HEES
Clarity Synthetic EA Hydraulic Oil
Rando HDZ
Rando HD
Hydraulic Oil HDZ
Rando Ashless 8401

Generator & cooling

Delo 100 Motor Oil SAE 40
Delo 400 XLE SAE 10W-30
Delo 400 MGX SAE 15W-40
Delo 400 XLE HD SAE 10W-40
Delo 400 XLE HD SAE 5W-30
Delo Gold Ultra E SAE 15W-40
Ursa Heavy Duty SAE 30, 40
Delo 1000 Marine SAE 30, 40
Delo SHP SAE 30, 40
Delo 710 LE SAE 40



Steering system

Clarity Synthetic Hydraulic Oil AW
Rando HEES
Clarity Synthetic EA Hydraulic Oil
Rando HDZ
Rando HD
Hydraulic Oil HDZ
Rando Ashless 8401

Refrigeration Compressor

Cetus DE
Cetus PAO
Cetus PAO
Cetus HiPerSYN Oil
Capella Premium
Capella HFC

Air Compressor

Cetus DE
Cetus PAO
Cetus HiPerSYN Oil
Compressor Oil EP VDL

Main engine & engine cooling

Delo 100 Motor Oil SAE 40
Delo 400 XLE SAE 10W-30
Delo 400 MGX SAE 15W-40
Delo 400 XLE HD SAE 10W-40
Delo 400 XLE HD SAE 5W-30
Delo Gold Ultra E SAE 15W-40
Ursa Heavy Duty SAE 30, 40
Delo 1000 Marine SAE 30, 40
Delo SHP SAE 30, 40
Delo 710 LE SAE 40
Delo XLC Antifreeze/Coolant Concentrate, Premixed 50/50
HDAX ELC Premixed 50/50

Gearbox

Clarity Synthetic EA Gear Oil
Meropa
Meropa XL

Stern tube

Clarity Synthetic Hydraulic Oil AW
Rando HEES
Clarity Synthetic EA Hydraulic Oil
Rando HDZ
Rando HD
Hydraulic Oil HDZ

slow-speed, two-stroke crosshead engines

Product	Fuel type	BN	SAE VG	Key approvals and recommendations
---------	-----------	----	--------	-----------------------------------

cylinder oils for slow-speed, two-stroke crosshead engines

<p>Taro® Ultra 140</p> <p>High performance 140 BN SAE 50 cylinder oil for vessels equipped with scrubbers burning HSHFO with sulphur content above 1.5%. Optimised to help protect from corrosion at the lowest possible cylinder oil feed rate.</p>	HSHFO with scrubber and alternation with VLSFO	140	50	Approved for Everlence ¹ (Category II) – Mark 9 engines and higher, and WinGD engines.
<p>Taro Ultra 100</p> <p>High performance 100 BN SAE 50 cylinder oil, optimised to help combat corrosion. The optimal choice for most vessels equipped with scrubbers, burning HSHFO with sulphur content above 1.5%.</p>	HSHFO with scrubber and alternation with VLSFO	100	50	Approved for Everlence ¹ (Category II) – Mark 9 engines and higher, and WinGD engines.
<p>Taro Ultra 70</p> <p>High performance 70 BN SAE 50 cylinder oil for a wide range of fuels.</p>	HSHFO with scrubber and alternation with VLSFO	70	50	Approved for Everlence ¹ (Category I) – Mark 8 engines and lower, and WinGD engines.
<p>Taro Ultra Advanced 40</p> <p>High performance 40 BN SAE 50 cylinder oil that meets MAN ES (Category II) requirements. Delivers piston cleanliness at the level of a high BN cylinder oil (≥ 100 BN), with moderated BN and oil ash content. Designed to protect your engine for a range of low and zero sulphur fuels including MGO/MDO, VLSFO, LNG and methanol.</p>	VLSFO, MGO/MDO, 40 LNG/LPG, MeOH	40	50	Approved for Everlence ¹ (Category II) – Mark 9 engines and higher.
<p>Taro Ultra 40</p> <p>High performance 40 BN SAE 50 cylinder oil for engines operating on fuel with a sulphur content up to 1.5% (including VLSFO and HSHFO), as well as those operating on methanol or intermittently operating on MGO/MDO.</p>	VLSFO, MGO/MDO, 40 LNG/LPG, MeOH	40	50	Approved for Everlence ¹ (Category I) – Mark 8 engines and lower, and WinGD engines.

crankcase oils for slow-speed, two-stroke crosshead engines

<p>Veritas® 800 Marine 30</p> <p>Crankcase oil for two-stroke crosshead marine engines, which is blended with highly refined base oils and carefully selected additives to provide very good anti-corrosion and anti-foam properties.</p>	All fuel types	5.6	30	Approved for Everlence ¹ , and Japan Engine Corp.
<p>Veritas® 800A Marine 30</p> <p>Crankcase oil for two-stroke crosshead marine engines, which is blended with highly refined base oils and carefully selected additives to provide very good anti-corrosion and anti-foam properties.</p>	All fuel types	5.4	30	Approved for Everlence ¹ , and Japan Engine Corp.

For full approvals and recommendations, refer to the relevant PDS sheet.
Always consult your Chevron Marine Products representative for the latest approvals.

medium-speed, four-stroke engines

Our range of Delo® and Taro® diesel engine oils, and HDAX® gas engine oils, are designed for trunk piston engines and are also compatible with a wide range of fuels from zero to high-sulphur content, from liquid fuel to LNG or dual-fuel operations.

Product	Fuel type	BN	SAE VG	Key approvals and recommendations
diesel engine oils for medium-speed, four-stroke trunk piston engines				
Taro XL Series (50 XL 40)	HSHFO, VLSFO; fuels with a sulphur level up to 4.5%	50	40	
Taro XL Series (40 XL 40)	HSHFO, VLSFO; fuels with a sulphur level up to 4%	40	40	Approved by major OEMs including Everllence ¹ , Wärtsilä, MaK (Caterpillar), Rölls-Royce Bergen, Daihatsu, Hyundai HiMSEN and Yanmar.
Taro DP Series (30 DP 30/40)	HSHFO, VLSFO; fuels with a sulphur level up to 4%	30	30/40	
Taro DP Series (20 DP 30/40)	HSHFO, VLSFO, MGO/MDO; fuels with a sulphur level up to 2%	20	30/40	
Delo 1000 Marine 30/40	MGO/MDO	12	30/40	
Delo SHP SAE 30/40	MGO/MDO	12	30/40	Approved by major OEMs including Everllence ¹ , Deutz, MaK (Caterpillar), Rölls-Royce Bergen, Daihatsu, Hyundai HiMSEN and Yanmar.
HDAX 9700 SAE 40	LNG, MGO/MDO	5.8	40	Approved by Everllence ¹ .
HDAX 5200 SAE 40	LNG	4.2	40	Approved by major OEMs including Caterpillar CG, GE Jenbacher, MWM, Wärtsilä and Waukesha.

¹ Formerly MAN Energy Solutions

INLAND MARINE PRODUCTS

ENGINE OILS

Delo 400 MGXSAE 15W-40

Low SAPS CI-4, E7/E9 engine oil with strong TBN retention, for use in high and low sulphur fuel regions

Product highlights:

- Wide range of uses helps minimise misapplication
- Reduces large oil inventories and costs
- Helps control soot and valve train wear
- Designed for optimum service with minimal maintenance
- Formulated to aid DPF service life

Delo Gold Ultra ESAE 15W-40

CI-4, E7 engine oil

Product highlights:

- Promotes resistance to low temperature sludge and high temperature deposits
- Aids engine and bearing corrosion protection
- Designed to protect against wear and bore polishing
- Formulated for protection against deposits and filter plugging

Delo SHP SAE 30, 40

Diésel crankcase TBN 12 lubricants designed for heavy-duty turbocharged high and medium speed diesel engines

Product highlights:

- Low and high temperature protection, ring sticking resistance
- Offers reliable scuffing and wear protection
- Formulated for oxidation resistance
- Designed for protection in severe conditions
- Helps extend reliable oil filter life

Delo 1000 Marine SAE 30, 40

Médium alkaline TBN 12 trunk piston engine oils for medium and high speed marine and stationary trunk piston engines

Product highlights:

- Designed for optimum wear protection
- Helps keep engines clean
- Offers extended oil service life
- Formulated for corrosion resistance
- Helps reduce maintenance downtime

Delo 100 Motor Oil SAE 40

Monograde engine oil for off road application

Delo 400 XLE SAE 10W-30

Long-drain CK-4, E6/E9 low SAPS engine oil with some fuel economy benefits

Ursa Heavy Duty SAE 30, 40

Heavy-duty monograde engine oils

Delo 710 LESAE 40

Zinc-free diesel engine lubricant designed for railroad, marine and power generation applications

Delo 100 XLE HDSAE 10W-40

Long-drained CJ-4, E4/E6/E7/E9 low SAPS engine oil

Delo 400 XLE HDSAE 5W-30

Long-drained CJ-4, E4/E6/E7/E9, LDF-4 low SAPS engine oil with fuel economy performance*

GEAR LUBRICANTS

Meropa 68, 100, 150, 220, 320, 460, 680, 1000, 1700

Extreme pressure industrial mineral gear oils

Meropa XL 150, 220, 320, 460

Micropitting resistant industrial gear oils for extreme Loads and high shock loading

Product highlights:

- Designed for extended drain intervals
- Offers rust and corrosion protection
- Promotes gear and bearing life
- Advanced keep-clean performance
- Formulated for micropitting protection

Clarity Synthetic EA Gear Oil 100

Biodegradable EPA and VGP-compliant stern tube oil/gear oil

Product highlights:

- Meets EPA and VGP requirements
- Promotes wear, rust and corrosion resistance
- Offers water separation, foam inhibition and shear stability
- High operating temperature resistance
- Good low temperature pumpability

HYDRAULIC OILS

Clarity Synthetic Hydraulic Oil AW 32, 46, 68

Zinc-free premium performance synthetic hydraulic oils

Product highlights:

- Ultra high performance wear and oxidation protection
- Rust and corrosion resistance
- Hydrolytic stability, rapid water separation, foam inhibition and filterability
- Very low acute aquatic toxicity

Clarity Synthetic EA Hydraulic Oil 100

Biodegradable EPA and VGP-compliant stern tube and hydraulic oil

Product highlights:

- Meets EPA and VGP environmental requirements
- Biodegradable synthetic technology
- Offers high performance protection
- Wide temperature pumpability
- Ashless - zinc-free technology

Rando HDZ 15, 22, 32, 46, 68, 100

Multi-viscosity anti-wear hydraulic fluids

Product highlights:

- Formulated for wide temperature use
- Designed to protect under load
- Offers good water separation
- Promotes reliable filterability

HYDRAULIC OILS (continued)

Rando HD10, 22, 32, 46, 68, 100, 150

Zinc-based monograde hydraulic oils

Hydraulic Oil HDZ 32, 46, 68, 100

Heavy duty zinc-based multi-viscosity anti-wear hydraulic oils

Rando Ashless 8401

Low pour point, high VI zinc-free hydraulic oil, meeting Swedish Army Standard FSD 8401

Product highlights:

- Zinc-free, corrosion resistant ashless performance
- Offer rapid cold start-up time
- Promotes wide temperature operation
- Aids operational accuracy
- Designed for system precision and control

Rando HEES46

Biodegradable, high premium performance ester based hydraulic oil; Ecolabel approved

Product highlights:

- Wide service temperature window
- Ecolabel-'Euro Margerite' compliant
- Meets Swedish Standard SS 15 54 34
- Extended oil drain
- Offers long fluid service life
- WGK 1 WGK classification

COMPRESSOR OILS

Cetus HiPerSYN Oil46

Synthetic compressor, gear and bearing lubricant

Product highlights:

- Offers thermal and oxidation stability
- Helps reduce sludge and deposits
- Promotes extended service intervals
- offers low volatility performance
- Designed for reliable long service life

Cetus PAO32, 46, 68

Synthetic compressor fluids based on polyalphaolefins

Compressor Oil EP VDL 32, 46, 68, 100, 150

Extended life compressor fluids with high quality paraffinic base oils

Cetus DE 100

Synthetic compressor fluid for operating at high discharge temperatures and pressures

GREASES

Clarity Synthetic EA Grease

Biodegradable anhydrous calcium grease for use in bearings in wear and corrosive environments

Product highlights:

- Designed for environmental acceptability
- Offers prompt, effective biodegradability
- Formulated for water and corrosion resistance
- Helps protect in wet and corrosive environments
- Offers good component adhesion

GREASES (continued)

Multifak T EP 2

Multi-purpose extreme pressure lithium grease. Operating temperature -20° C up to +130°C

Product highlights:

- Highly stable formulation
- Semi-synthetic base
- Contributes to extreme pressure protection
- Offers high resistance to oxidation

Moly tex EP 2

Multi-purpose heavy duty EP lithium grease containing Molybdenum Disulphide (MoS₂)

Multifak 264 EP 00/000

Lithium grease for centralised lubricating systems

Multifak EP 0, 1, 2

Extreme pressure multi-purpose lithium greases. Operating temperature -30°C up to +120°C

Multifak Premium3

Lithium grease suitable for a wide range of applications. Operating temperature -30°C up to +130°C

Novatex EP 2

Extreme pressure calcium anhydrous grease. Operating temperature -30°C up to 120°C

Delo Starplex EP 2

Multi-purpose lithium complex grease

ANTIFREEZE/COOLANTS

Delo XLC Antifreeze/Coolant Concentrate, Premixed 50/50

Extended life antifreeze/coolants

HDAX ELC Premixed 50/50

Premixed extended life silicate-free antifreeze/coolant

SPECIALITY (REFRIGERATION)

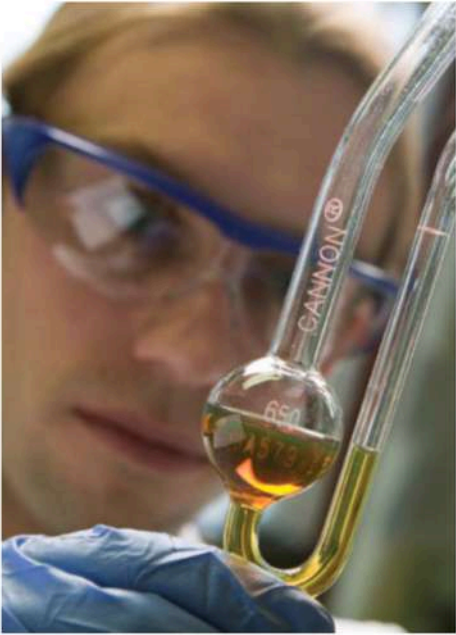
Capella Premium68

Semi synthetic refrigeration compressor lubricant

Capella HFC 32, 55, 68, 100

Fully synthetic refrigeration lubricants for use in systems operating with environmentally safe hydro fluorocarbon (HFC) refrigerants

**Relative to conventional 15W-30 engine oil. Actual fuel economy improvement is dependent on vehicle/equipment type, outside temperature, driving/operation conditions and your current fluid viscosity.*



El programa de análisis de aceite LubeWatch ofrece:

- Resultados precisos en cinco paquetes básicos de pruebas y una amplia variedad de procedimientos especializados.
- Interpretación confiable de los resultados y recomendaciones prácticas basadas en los datos.
- Entrega de los resultados con análisis que indican pasos anormales o críticos, enviados por correo electrónico o disponibles en línea.
- Servicios técnicos avanzados, incluyendo análisis de fallas en componentes y/o partículas de desgaste. Capacitación experta y asesoramiento técnico en campo.

LubeWatch®
Oil Analysis Program

