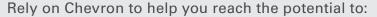


## LUBRICANTS FOR

## **MARINE INDUSTRY**

## On-board the Reliability To Meet Maritime Challenges

Chevron continually works to advance marine lubricant technology, delivering maximum reliability, protection and performance to inland/coastal operations. Chevron specialists understand the unique operational challenges you face – from engine and component breakdown to fuel and lubricants costs and budget management – and work with you to streamline your fishing vessels and inland marine operations. Chevron premium lubricants, along with our superior depth of industry knowledge and unparalleled services can help improve reliability and efficiency of all your on-board marine equipment. Increase productivity, minimize costly downtime, reduce operating costs — and navigate even the roughest waters with the utmost reliability.



- Maximize Engine Durability
- Extend Service Protection
- Improve Supplier Performance
- Improve Fuel Efficiency



Delo® 400 XLE SAE 10W-30



## ISOCLEAN® Certified Lubricants

Original equipment manufacturers require specific lubricant cleanliness levels to maximize component life and productivity. Chevron has designed a revolutionary approach to meeting these requirements – the ISOCLEAN Certified Lubricants Program. The program gets your operation off to a clean start by providing lubricants certified to meet OEM performance and cleanliness requirements at the point of delivery, which helps save capital and labor costs for pre-filtering. Beyond the initial fill, we also can provide targeted monitoring and in-plant services to help you maintain OEM cleanliness standards, day after challenging day, over the long term.

HYDRAULIC OILS	GRADES
Clarity® Synthetic Hydraulic Oil AW Chevron's best synthetic ashless AW hydraulic oils are designed to give maximum protection, help prevent formation of varnish, as well as promote long equipment and oil life and help improve fuel efficiency. Clarity Synthetic AW hydraulic oils can deliver all these benefits in both mobile and stationary hydraulic equipment in environmentally sensitive areas.	ISO 32, 46, 68*
Clarity Synthetic EA Hydraulic Oil Readily biodegradable high-performance hydraulic oils that meet EP Vessel General Permit (VGP) requirements for environmentally acceptable lubricants. They are designed to give maximum protection in hydraulic equipment used on vessels and in environmentally sensitive areas.	ISO 46, 68, 100
Clarity Hydraulic Oil AW  Premium ashless hydraulic oils that provide long oil and equipment life to help prevent varnishing with very low acute aquatic toxicity.	ISO 22*, 32, 46, 68, 100
Rando® HDZ  Premium AW hydraulic oils formulated with premium base oil technology designed for excellent protection while providing some energy efficiency relative to traditional hydraulic oils.	ISO 15, 22, 32, 46, 68, 100

COMPRESSOR OILS	GRADES
Cetus® HiPerSYN®  Synthetic compressor oils (not to be mixed with PAG) recommended for air compressors; especially portable and stationary rotary, vane and screw compressors.	ISO 32, 46, 68, 100, 150, 220, 320, 460
Cetus PAO Synthetic air compressor lubricants formulated with PAO base fluids and a high performance additive package.	ISO 32, 46, 68, 100, 150
Regal® R&O For most compressors where OEM requires an R&O type circulating oil.	ISO 22, 32*, 46*, 68*, 100*, 220*, 320*, 460, 680

COOLANTS	CONCENTRATION
Delo XLC Antifreeze/Coolant  For use in a wide variety of cooling system applications that require a nitrite-free product including on-road, off-road and stationary engine applications.	Concentrate Premixed 50/50

Available as ISOCLEAN® Certified Lubricants to meet specific OEM ISO Cleanliness specifications

Meropa EliteSyn™ XM  Synthetic blend premium, industrial gear oil with excellent micropitting wear protection, demulsibility, seal and paint compatibility as required by its Siemens MD (FLENDER) Revision 13 approval.  Meropa XL  Synthetic blend, premium industrial gear oil with excellent micropitting wear protection, demulsibility, seal and paint compatibility as required by its Siemens MD (FLENDER)	
Synthetic blend, premium industrial gear oil with excellent micropitting wear protection, demulsibility, seal and paint compatibility as required by its Siemens MD (FLENDER)	320, 460
Revision 13 approval.	
Meropa Premium quality extreme pressure gear oils with excellent load carrying capacity, water demulsibility, oxidation stability and corrosion protection.	ISO 68, 100, 150, 220, 320, 460, 680, 1000 1500
Clarity Synthetic EA Gear Oil Readily biodegradable high-performance gear oils that meet EP Vessel General Permit (VGP) requirements for environmentally acceptable lubricants. They are designed to give maximum protection in industrial gear applications on vessels and in environmentally sensitive areas.	ISO 100, 150

GREASES	GRADES
Starplex® HD For plain and anti-friction bearing applications operating under high stress/high load conditions, coupled with high ambient temperatures.	NLGI 1, 2
Starplex EP Water resistant, extreme pressure, heavy duty chassis and wheel bearing greases.	NLGI 1, 2
Multifak® EP General purpose EP grease for use in industrial equipment under most conditions, except where very high operating temperatures are encountered.	NLGI 000, 00, 0, 1, 2
<b>Texclad</b> Texclad 2 is a calcium-based grease that resists washout and provides good film strength and load carrying capabilities.	NLGI 2
Clarity Synthetic EA Grease Clarity Synthetic EA Grease is an anhydrous calcium-thickened grease based on biodegradable esters. Clarity Synthetic EA Grease is readily biodegradable, has excellent water resistance, good corrosion resistance and is excellent for extreme pressure and heavy loads. It is compliant to 2013 VGP	NLGI 2

legislation and the Swedish Standard 155470.

ENGINE OILS	GRADES
Delo 400 XSP  A premium synthetic long drain and mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which the API CK-4 or SN service category is recommended.	SAE 15W-40, 5W-30, 5W-40
Delo® 400 XLE  A premium synthetic blend mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which the API CK-4 or SN service category and SAE 10W-30 viscosity grade is recommended.	SAE 10W-30
Delo 400 XLE SB  A premium synthetic blend mixed fleet engine oil recommended for naturally aspirated and turbocharged four-stroke diesel engines and fourstroke gasoline engines in which the API CK-4, or API SN service category and SAE 15W-40 viscosity grade are recommended.	SAE 15W-40
<b>Delo 710 LE</b> For low sulfur and ultra low sulfur fueled diesel engines such as EMD and GE where zinc-free oils are required.	SAE 20W-40, 40
Delo 710 LS  An industry leading, premium diesel engine oil for use in GE Tier 4 engines in marine, railroad and power generation applications, and	SAE 20W-40

TURBINE OILS	GRADES
GST Advantage™ RO with  VARTECH™ Technology  Formulated with VARTECH™ Technology, which is advanced chemistry combined with premium base oils that inhibits varnish formation to help maintain peak performance, reliability and productivity.	ISO 32, 46
GST Advantage™ EP with  VARTECH™ Technology  Uniquely formulated for use in circulating oil systems for marine gear turbine sets. GST Advantage EP has outstanding thermal and oxidation stability.	ISO 32, 46
GST Oils  GST Oils are globally our best-selling turbine oils that meet the critical demands of non-geared gas, steam and hydroelectric turbine bearing lubrication and reduction	ISO 46, 68, 100

gear lubrication in marine operations.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

has received approval of LMOA Generation 7 Designate for use in GE diesel engines.



A Chevron company product

chevronlubricants.com