

HYDROPURE®

lubricants

Product by **Singapore**



Our full range of lubricants are blended using base oils from new refineries and high tech additives to exceed industry performance standards.



CO-OWNED BY



HYDRO[®] PURE



United Oil

About Us

HydroPure lubricants are products of CNOOC & United Oil tailored for the Global High to Medium Tier Lubricants Market. Industrial & Marine customers and consumers are served with a complete range of products such as oils for engines & hydraulic systems, gear, compressor, turbine, refrigeration and heat transfer oils. Specialty oils, blended for specific performance, for textile industry and metal working fluids are also part of the wide portfolio. Consumers can choose from a range of products for Passenger Cars, vehicles with Diesel Engines and Motorcycles. Products are blended from synthetic oils, oils from new refineries using latest Group 2 hydro-treating technology and additives of leading suppliers from Europe and the US.

Heritage

CNOOC - China National Offshore Oil Corporation is the largest producer of offshore crude oil and natural gas in China and one of the largest independent oil and gas exploration and production companies in the world. The Group has some US\$100 Billion of assets employing over 17,000 employees managing a fully integrated oil company to bring you the full range of oil products.

United Oil is a leading lubricant supplier in the region known for reliability in delivering products that adds value to the customer's business. Strategically located in Singapore, United Oil is dynamic and innovative & employs the latest lubricant technology. The company's products give customers improved performance and prolonged life by superior cleaning & protection of equipment.



"Our blending plants using proven technologies for reliable quality"



AUTOMOTIVE LUBRICANTS

Latest lubricant technology for performance & reliability

HYDRO[®]
PURE

PASSENGER CAR MOTOR OILS



HydroPure XP | Fully Synthetic + PAO
SAE 0W-40 Lubricant

Top tier Lube for extreme conditions & fuel economy. Meets highest API specs SN/CF



HydroPure A8 | Fully Synthetic 5W-30
Lubricant

Maximum protection with highest API specs SN/GF-5



HydroPure VX | Fully Synthetic + PAO
SAE 5W-30 Lubricant

Formulated for low SAPS & Fuel Economy. Meet specs ACEA C3-10 VW 50400/50700



HydroPure A6 | Synthetic Formulation
SAE 10W-40

Maximum protection with highest API specs SN/CF



HydroPure GX | Fully Synthetic + PAO
SAE 5W-40 Lubricant

Formulated for extreme conditions. Meets highest API specs SN/CF



HydroPure A4 | HydroProcessed
Formulation SAE 15W-40 Lubricant

Maximum protection with API specs SL/CF

DIESEL ENGINES MOTOR OILS



HydroPure D800 | HydroProcessed
Formulation SAE 10W-40 Lubricant

Maximum protection with highest API specs CJ-4/SN



HydroPure D600 | HydroProcessed
Formulation SAE 15W-40 Lubricant

For severe diesel engine service. Protection meeting API specs CI-4/SL



HydroPure D400 | HydroProcessed
Formulation SAE 20W-50 Lubricant

Mono & Multigrade Protection meeting API specs CH-4/SJ



HydroPure D200 | HydroProcessed
Formulation SAE 20W-50 Lubricant

Multigrade Protection meeting API specs CF-4/SG



HydroPure D150 | HydroProcessed
Formulation SAE 20W-50 Lubricant

Mono & Multigrade Protection meeting API specs CF/SF

AUXILLIARY OILS



HydroPure UniGear S5 (4L)

Mono & MultiGrade gear lubricant



HydroPure Dot 4 (1L) Brake Fluid



HydroPure ATF IIIH (1L)

Transmission Fluid for automatic and powershift transmissions



HydroPure Coolant (-15°C) (4L)

Premium ethylene glycol based product



HydroPure AntiFreeze (-45°C) (4L)

Prevents cooling system from freezing to -45°C

THE API CERTIFICATION MARK, ALSO KNOWN AS THE “STARBURST”

An oil displaying this mark meets the current engine protection standard and fuel economy requirements of the International Lubricant Standardization and Approval Committee (ILSAC), a joint effort of U.S. and Japanese automobile manufacturers. Automobile manufacturers recommend oils that carry the API Certification Mark. See the ILSAC STANDARD FOR PASSENGER CAR ENGINE OILS chart on the next page for descriptions of current and obsolete ILSAC standards.



ILSAC STANDARD FOR PASSENGER CAR ENGINE OILS

Name	Service
GF-5	Introduced in October 2010 for 2011 and older vehicles, designed to provide improved high temperature deposit protection for pistons and turbochargers, more stringent sludge control, improved fuel economy, enhanced emission control system compatibility, seal compatibility, and protection of engines operating on ethanol-containing fuels up to E85.

GASOLINE ENGINES

Category	Service	Category	Service
SN	Introduced in October 2010 for 2011 and older vehicles, designed to provide improved high temperature deposit protection for pistons, more stringent sludge control, and seal compatibility. API SN with Resource Conserving matches ILSAC GF-5 by combining API SN performance with improved fuel economy, turbocharger protection, emission control system compatibility, and protection of engines operating on ethanol-containing fuels up to E85.	SM	For 2010 and older automotive engines.
		SL	For 2004 and older automotive engines.
		SJ	For 2001 and older automotive engines.

DIESEL ENGINES

Category	Service
CJ-4	For high-speed four-stroke cycle diesel engines designed to meet 2010 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. These oils are formulated for use in all applications with diesel fuels ranging in sulfur content up to 500 ppm (0.05% by weight). However, the use of these oils with greater than 15 ppm (0.0015% by weight) sulfur fuel may impact exhaust after-treatment system durability and/or drain interval. CJ-4 oils are especially effective at sustaining emission control system durability where particulate filters and other advanced after-treatment systems are used. Optimum protection is provided for control of catalyst poisoning, particulate filter blocking, engine wear, piston deposits, low- and high-temperature stability, soot handling properties, oxidative thickening, foaming, and viscosity loss due to shear. API CJ-4 oils exceed the performance criteria of API CI-4 with CI-4 PLUS, CI-4, CH-4, CG-4 and CF-4 and can effectively lubricate engines calling for those API Service Categories. When using CJ-4 oil with higher than 15 ppm sulfur fuel, consult the engine manufacturer for service interval.
CI-4	Introduced in 2002. For high-speed, four-stroke engines designed to meet 2004 exhaust emission standards implemented in 2002. CI-4 oils are formulated to sustain engine durability where exhaust gas recirculation (EGR) is used and are intended for use with diesel fuels ranging in sulfur content up to 0.5% weight. Can be used in place of CD, CE, CF-4, CG-4, and CH-4 oils. Some CI-4 oils may also qualify for the CI-4 PLUS designation.
CH-4	Introduced in 1998. For high-speed, four-stroke engines designed to meet 1998 exhaust emission standards. CH-4 oils are specifically compounded for use with diesel fuels ranging in sulfur content up to 0.5% weight. Can be used in place of CD, CE, CF-4, and CG-4 oils.

INDUSTRIAL LUBRICANTS

Our blending plants & control of the supply chain add reliability to your business

HYDRO[®]
PURE

HYDRAULIC OILS

Full range for year round protection of hydraulic transmission systems, equipment, pumps, tractor transmission. We have formulations with low zinc for anti-wear, protection against mechanical, rusting, corrosive wear, excellent filterability, excellent hydrolytic stability for protection against moisture and self-extinguishing fire resistant fluid. Our fluids are tailored to meet industry accepted OEM specifications.

COMPRESSOR OILS

Formulated for enhanced oxidation stability, improved foam control, stability in the presence of water & protection against rust, corrosion & wear. Typical applications are gear sets and oil circulating systems in steelmill, foundries, glass and bottle manufacturing plants, injection molding machines, paper mills, electrical wheel motors used in surface mining and quarries, shearing arms in underground coal mining & cement kilns.

METAL WORKING FLUIDS (MWF)

We have a wide range of MWF such as Soluble Cutting Oil, Forming Oil, Neat Cutting Oil, Quenching Oil, Rust Preventive Oil, Slideway Oil. Formulations that enhanced oxidation stability, improve foam control, maintain excellent stability in the presence of water and provide protection against rust, corrosion and wear. Has a range from very low viscosity with self-evaporating properties that leaves minimum film on components to very high viscosity containing high levels of extreme pressure additives.

COMPRESSOR OILS

Our range covers the needs of compressors, refrigeration system and vacuum oil pumps. Our oils are formulated with rust & oxidation inhibitors to prevent deposit formation in high temperature systems, anti-wear additives for long life under severe conditions. Other formulations with naphthenic & ester synthetic base oils are tailored for refrigeration systems which required low pour point & high thermal stability.

TURBINE OILS

Premium oil with resistance to oxidation and the formation of sludge and varnish at elevated temperatures. Has additives with excellent rust and corrosion protection. Has good thermal stability for extended service life and strong water separation properties. Formulations suitable for all types of turbines system and heavy-duty, stationary industrial gas turbines.

OTHERS

We also have Rock Drill Oil, Washable Textile Oil, Machine Oil, Spindle Oil, Air Tool Oil, Chain & Bar Oil and Heat Transfer Oil. Formulations are from high quality base oils with high viscosity index for excellent low/high temperature performance and oxidation stability for long life. Carefully selected additive packages enable the oils to perform consistently well and reliably.

MARINE LUBRICANTS

LOW SPEED ENGINES

Cylinder & System oils specially formulated for two stroke cross head engines for protection from excessive acid stress and severe corrosive wear. Employs technology that boost acid protection beyond level suggested by the oil's base number. Tackles stress from thermal, insoluble, acid and humidity.

MEDIUM SPEED ENGINES

Trunk Piston Engines Oils formulated to clean better & protect vital engine components reliability and reduce operating cost by maximising oil durability and engine component life. This oil copes with differing aspects of oil stress and helps cut cost and increase reliability.

HIGH SPEED ENGINES

Specially blended for heavy diesel engines, we have mono & multi-grade formulations for low emissions, maintenance savings, long-drain intervals and optimized for protection from corrosive wear, temperature stability, soot handling properties, piston deposit control & oxidative thickening.

GREASE

We supply high performance lithium & lithium complex greases to protect your equipment at high temperatures and extreme pressures. High specifications on mechanical stability ensure our grease performs reliability and continue to protect with prolong use.



Available in IBCs, 200L Drums, 18L Pails

Our Supply Network

Australia
Bahrain
Bangladesh
Cambodia
China
Congo
Cyprus
Fiji
Gabon
Ghana

Hong Kong
Indonesia
Japan
Korea
Lebanon
Macau
Malaysia
Myanmar
New Zealand
Pakistan

Papua New Guinea
Philippines
Russia
Singapore
Solomon Island
Sri Lanka
Taiwan
Thailand
Yemen

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