

CONSTRUCTION



Build more
productivity
on your
worksites



INDUSTRIAL
LUBRICANTS

LUBRICANTS FOR THE CONSTRUCTION INDUSTRY

Build Greater Reliability

Construction jobs are dirty, exposed, often remote and on the move. Chevron Industrial Lubricants help you meet these challenges head on. We engineer our lubricants to take the same abuse your equipment does. They help boost reliability across your fleet, so you can work longer and faster without overloading your equipment, and keep your critical project timelines on track.

Rely on Chevron to help you reach the potential to:

- Maximize Engine and Equipment Durability
- Extend Service Protection
- Improve Fuel Efficiency



Delo® TorqForce®

Protect your Productivity

Harsh conditions can cause equipment breakdowns, project delays and budget overages. We help you fight back. Chevron products maintain integrity when equipment is working its hardest and internal temperatures rise. They also help protect critical components from extreme ambient temperatures, so you can keep projects moving forward through freezing winters and scorching summers.

Extend oil life and drain intervals

Construction operations have multiple equipment types constantly working and moving locations. Performing maintenance in this environment is a difficult undertaking. Chevron can help. Our lubricants are formulated to last, allowing you to extend drain intervals, coordinate scheduled downtime activities, and minimize field visits from maintenance crews.

Streamline maintenance logistics

If you're trucking lubricants out to various worksites, we can help you simplify. Our experts can perform an assessment to make sure you're carrying the right lubricants and viscosities for your range of equipment. A streamlined inventory helps you stock supply trucks more efficiently and make fewer trips.



Programs

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.

Particle contamination is the number one cause of lubricant related wear in equipment components. Starting with a lubricant that is certified to meet the equipment manufacturer's fluid cleanliness requirement is the vital first step in maximizing equipment component service life.

Chevron ISOCLEAN Certified Lubricants have been engineered to meet the required ISO Cleanliness fluid requirements at the point of delivery to minimize the challenges with on-site filtration.

Chevron's network of ISOCLEAN Certified Lubricant providers ensures target ISO Cleanliness codes are on specification at point of delivery as well as provides solutions for on-site management of fluid cleanliness.

LubeWatch[®] Oil Analysis

Using LubeWatch is like opening a window into the health of your equipment. The lubricants in your systems hold many clues about conditions that could cause premature wear, shortened oil life and even potential failures. LubeWatch Oil Analysis allows you to monitor, detect and correct these issues. Continuous monitoring first helps you verify whether you're getting maximum protective benefit from your lubricants. Second, it helps you proactively design your maintenance program to optimize drain intervals, maximize uptime, extend equipment life and ultimately reduce costs.

Chevron offers a wide range of ISOCLEAN Certified Lubricants.



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PRODUCTS

ENGINE OILS	GRADES
Delo® 600 ADF  Recommended for on- and off-highway Tier IV Final emission compliant engine applications where a 10W-30 or 15W-40 viscosity grade is required. It is formulated for engines with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation (EGR) systems.	SAE 10W-30, 15W-40
Delo 400 XSP Synthetic  For naturally aspirated and turbo-charged, four-stroke diesel engines and four-stroke gasoline engines, in which API CJ-4 or SN service categories are recommended.	SAE 5W-40
Delo 400 XLE Synblend  For naturally aspirated and turbo-charged four-stroke diesel engines and four-stroke gasoline engines, in which the API CJ-4, SM or SN service categories are recommended.	SAE 10W-30, 15W-40
Delo 400 SDE  Specially formulated for low emission diesel engines with diesel particulate filters and burning Ultra Low Sulphur Diesel fuel, in which API CJ-4 is recommended.	SAE 10W-30, 15W-40

TRANSMISSION FLUIDS	GRADES
Delo Syn-Trans HD A heavy-duty truck manual transmission fluid recommended for service fill of heavy duty manual transmissions, such as those manufactured by Eaton, Meritor and Mack.	SAE 50
Delo TorqForce®  Designed for use in transmissions, final drives and hydraulic systems. Meets requirements of Allison C-4 and Caterpillar TO-4. Recommended for Dana Powershift, Komatsu KES 07.868.1 and Komatsu Dresser.	SAE 10W, 30, 50, 60
Delo TorqForce Syn  Designed for use in transmissions, wet brakes and hydraulic systems. Meets Caterpillar TO-4 and Allison C-4 requirements. Recommended for Dana Powershift, Komatsu KES 07.868.1 and Komatsu Dresser.	SAE 5W-20
Delo TorqForce MP  Designed for use in transmissions, wet brakes and hydraulic systems. Meets requirements of Allison C-4 and Caterpillar TO-4 and TO-4M. Recommended for Dana Powershift, Komatsu KES 07.868.1 and Komatsu Dresser.	
Delo TorqForce FD  (Formerly Chevron Final Drive SAE 60) Formulated with special anti-wear compounds to protect gears and bearings of final drive and axle compartments from various modes of failure, while maintaining full-metal and seal compatibility. Designed to provide excellent lubrication performance for differential and final drives that do not contain friction materials.	SAE 60



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

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.

HYDRAULIC OILS	GRADES
Clarity® Synthetic Hydraulic Oil AW  Chevron's best synthetic ashless AW hydraulic oils are designed to give maximum protection, helps 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
<i>*Improved productivity was shown in side-by-side excavator tests of up to 6.2%. Improved fuel efficiency was shown in excavators and in plastic injection machines of up to 4.5% and 5% respectively. Comparisons were to a typical single grade hydraulic oil.</i>	
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
Rando HD  Designed to give robust protection to hydraulic pumps in mobile and stationary equipment.	ISO 10, 22, 32, 46, 68
ISO 100, 150, or 220 are often recommended for hydraulic equipment reduction gears where EP is not required, reciprocating air compressors, plain and anti-friction bearings, and circulating oil systems.	ISO 100, 150, 220

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

INDUSTRIAL GEAR LUBRICANTS	GRADES
Meropa® EliteSyn™ XM  High performance synthetic gear oils, offering maximum efficiency, reduced operating temperatures, long lubricant life and robust micropitting wear protection.	ISO 150, 220, 320, 460, 680
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) Revision 13 approval.	ISO 150, 220, 320, 460
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

HEAVY DUTY AUTOMOTIVE GEAR LUBRICANTS	GRADES
Delo® Gear EP-5  Delo Gear EP-5 gear lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.	80W-90, 85W-140
Delo Syn-Gear HD  For rear axles and differentials in over-the-road and off-road vehicles when operating under severe conditions and extreme environments where API SAE J2360, GL-5 or MT-1 oil is recommended.	SAE 75W-90

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
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

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PRODUCTS

COOLANTS	CONCENTRATION
<p>Delo® ELC Advanced Antifreeze/Coolant For use in a wide variety of cooling system applications. Delo ELC Advanced Antifreeze/Coolant products have a patented formulation for protection and compatibility with flux brazing residue present from the manufacturing process of today's aluminum heat exchangers.</p>	<p>Concentrate Premixed 50/50</p>
<p>Delo ELC Antifreeze/Coolant For use in a wide variety of cooling system applications that require nitrite, including on-road, off-road and stationary engine applications.</p>	<p>Concentrate Premixed 50/50 Premixed 60/40</p>
<p>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.</p>	<p>Concentrate Premixed 50/50</p>
GREASES	GRADES
<p>Delo Syn-Grease™ SXD 220 Moly 5% EP For demanding off-road construction applications with excellent performance throughout a wide temperature range, especially where very cold climates are encountered.</p>	<p>NLGI 1</p>
<p>Delo Grease ESI® HD EP Delo Grease ESI HD MOLY 3% EP Delo Grease ESI HD MOLY 5% EP For use in a wide variety of off-road construction applications, including all types of heavy-duty earth moving machinery.</p>	<p>NLGI 1, 2</p>
<p>Delo Grease ESI EP Extended service, extreme duty grease for both on-highway and light-duty, off-road vehicle applications.</p>	<p>NLGI 2</p>
<p>Delo Grease EP For extreme duty in a wide variety of on- and off-highway vehicle and equipment applications.</p>	<p>NLGI 00, 0, 1, 2</p>
<p>Ultra-Duty EP Versatile, high pressure greases with good adhesive properties designed for a wide variety of automotive and industrial applications.</p>	<p>NLGI 0, 1, 2</p>
<p>Multifak® EP General-purpose EP grease for use in automotive and industrial equipment under most conditions, except where very high operating temperatures are encountered.</p>	<p>NLGI 0, 1, 2</p>
<p>Ulti-Plex® Synthetic Grease EP For extreme pressure bearing applications operating under high and low temperatures.</p>	<p>NLGI 1.5</p>



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To learn more, visit

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