

HARD WORK IS OUR HERITAGE.

MADE TRUE.



SINCLAIR LUBRICANTS



C O N T E N T S

INTRODUCTION	4
TRANSPORTATION LUBRICANTS	
PASSENGER CAR MOTOR OILS	8
HEAVY-DUTY DIESEL ENGINE OILS	10
ANTIFREEZE	12
OFF-ROAD LUBRICANTS	
TRACTOR HYDRAULIC FLUIDS	16
CHAIN OILS	18
ROCK DRILL OILS	20
INDUSTRIAL LUBRICANTS	
HYDRAULIC FLUIDS	24
INDUSTRIAL GEAR OILS	26
METALWORKING FLUIDS	28
NATURAL GAS COMPRESSOR FLUIDS	30
WIRELINE LUBRICANTS	32
FOOD GRADE LUBRICANTS	
FOOD GRADE LUBRICANTS	36
GREASES	
GREASES	40



We know what it takes to make America go. Working hard, showing up on time and being honest have taken us a long way. That's our heritage. It's how we were made.

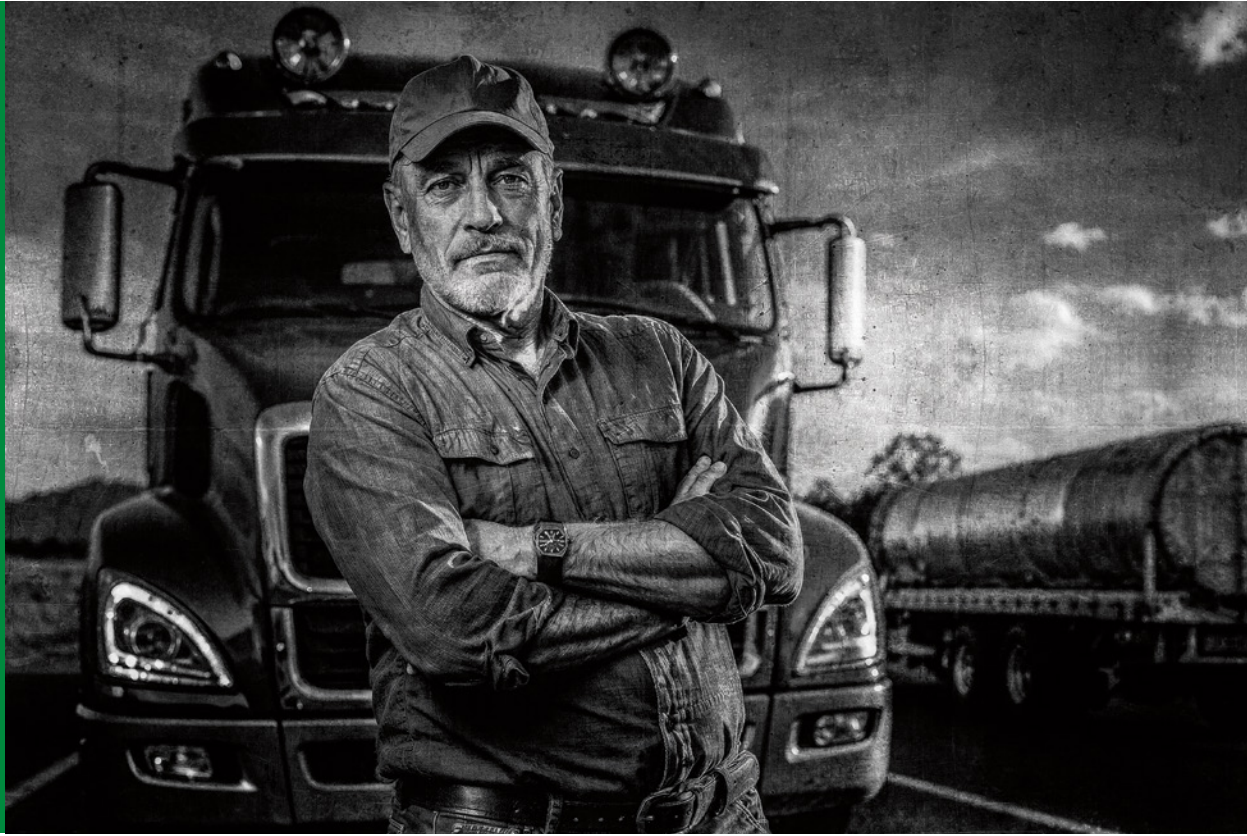
Today, we're proud to lend our tried-and-true expertise to you through a hardworking, durable lubricants lineup meant to serve the U.S. transportation and industrial industries. Our products protect against wear and corrosion, minimize friction and resist thermal breakdown. Most of all, they help you get the job done. **Made American.**

MADE TRUE.





TRANSPORTATION LUBRICANTS





PASSENGER CAR MOTOR OILS

Sinclair Lubricants passenger car motor oils are formulated to meet the latest industry specifications for all your vehicle needs across a number of engine types. These oils help protect engines from wear and corrosion and can resist thermal breakdown and sludge buildup. We help keep you on the road for longer.



WORKING HARD TO PROTECT YOUR VEHICLE.

PRODUCT DETAILS

OPALINE™ PASSENGER CAR MOTOR OIL

OPALINE™ is available in synthetic blend SAE 10W-30, 5W-30 and 5W-20 as well as synthetic 5W-30 and 0W-20 viscosity grades. They are all ILSAC GF-7A and API SQ licensed. OPALINE Synthetic 5W-30 and 0W-20 are also GM dexos®1 Gen 3 approved.

- Meets the latest passenger car industry specifications
- Helps prevent sludge and deposit buildup
- Resists thermal breakdown and corrosion





HEAVY-DUTY DIESEL ENGINE OILS

Sinclair Lubricants heavy-duty diesel engine oils were created to meet the needs of a range of long-haul and off-road applications. Our oils protect against engine wear, oxidation, corrosion and deposits and provide good soot control, keeping you on the road for the long haul.



GOES THE EXTRA MILE — NO MATTER WHERE I

PRODUCT DETAILS

EXTRA DUTY HEAVY-DUTY DIESEL ENGINE OIL

EXTRA DUTY synthetic blend engine oils are API CK-4 licensed and are available in SAE 15W-40 and 10W-30 viscosity grades.

- Made for modern, heavy-duty diesel engines
- Protects against engine wear, oxidation and corrosion
- Offers deposit control for cleaner operation
- Provides good soot control to support engine cleanliness



T MAY LEAD.

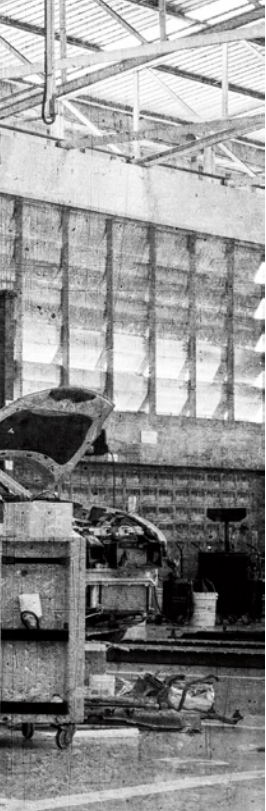


ANTIFREEZE

Sinclair Lubricants antifreeze delivers dependable protection in extreme temperatures. Built to defend against rust, corrosion and everyday wear, it helps keep your cooling system working the way it should. With long-lasting protection between service intervals, it's made to work as hard as you do.



TAKES THE HEAT. HANDLES THE COLD.



PRODUCT DETAILS

TRIHIBITOL

TRIHIBITOL antifreeze is a premium quality Inorganic Acid Technology (IAT) antifreeze designed for use in heavy-duty diesel engines and automobile/light duty applications. It contains a chemical inhibitor system, which is borate-based with nitrites to protect diesel engines from liner pitting and corrosion.

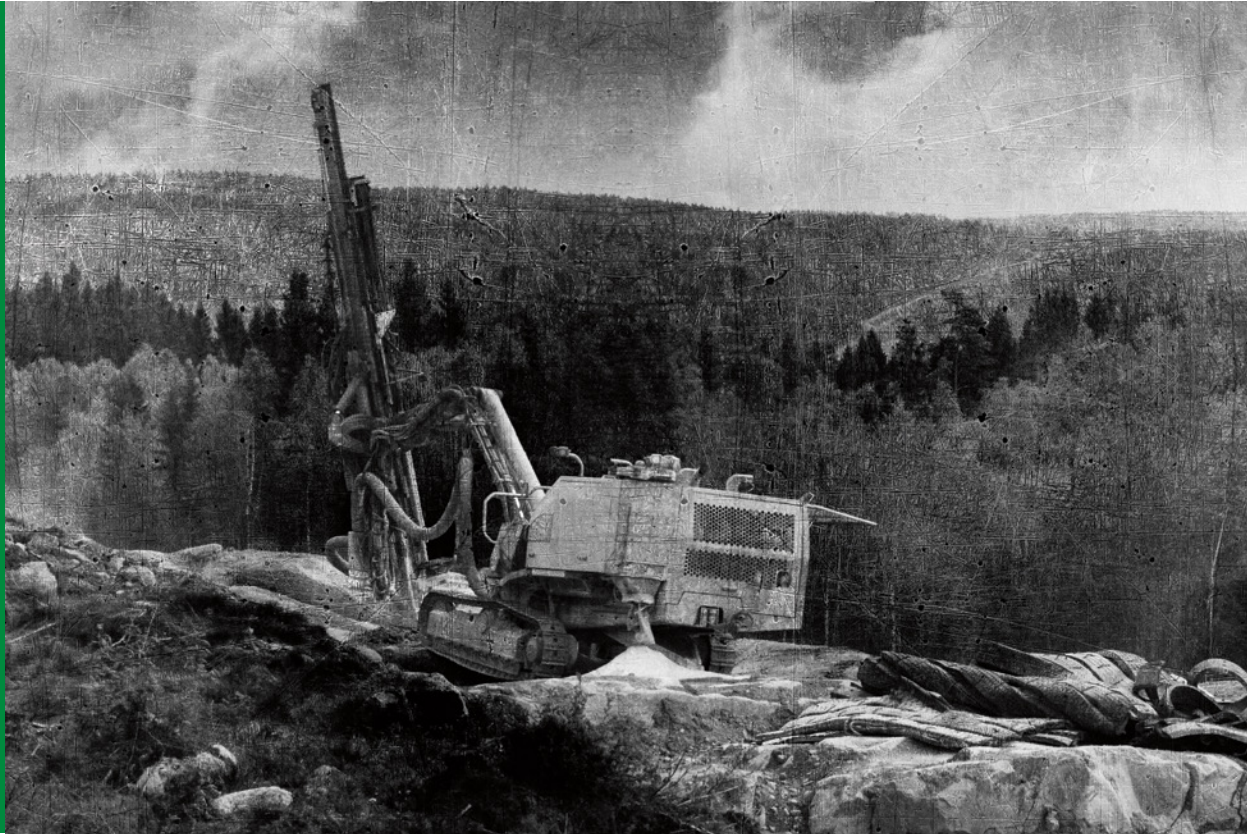
ELC COOLANTS

ELC Long Life Coolant is a pre-charged, extended life Hybrid Organic Acid Technology (HOAT) coolant that meets ASTM D-3306 for automotive service as well as ASTM D-4985, ASTM D-6210 and Caterpillar EC-1 for heavy-duty diesel requirements for long life antifreeze.





OFF-ROAD LUBRICANTS





TRACTOR HYDRAULIC FLUIDS

Sinclair Lubricants Tractor Hydraulic Fluids (THF) are formulated to perform in extreme summer conditions in farm and forestry applications with a common oil reservoir. They provide good wear protection, prevent fluid breakdown and deliver good friction performance to help provide smooth operation.





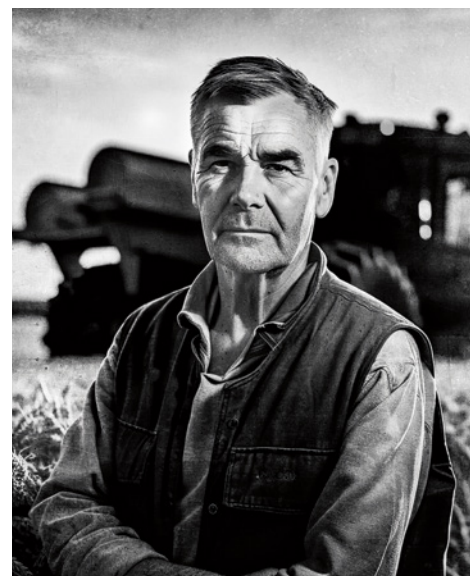
PRODUCT DETAILS

DINOTECH™ TRACTOR HYDRAULIC FLUID (THF)

DINOTECH™ THF is a multi-purpose fluid for use in equipment with a common oil reservoir for transmission, differential, final drive, hydraulic system and wet brakes. It meets John Deere JDM J20C requirements.

UNIVERSAL TRACTOR HYDRAULIC FLUID ZF

UNIVERSAL TRACTOR HYDRAULIC FLUID ZF is a multi-purpose tractor hydraulic/transmission fluid that provides excellent extreme pressure (EP) and zinc-free anti-wear (AW) protection for tractor transmissions, axles and hydraulic pumps to prevent surface corrosion and pitting.



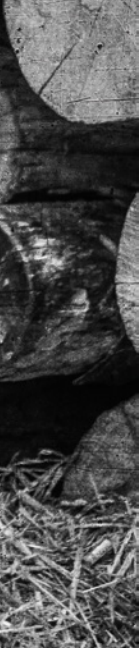
**TAKES CARE OF BUSINESS
WHEREVER THE OFFICE MAY BE.**



CHAIN OILS

Sinclair Lubricants chain oils protect against wear, rust and corrosion while resisting sling-off. Made for the toughest operations, chain oils keep production up, downtime low and equipment moving day after day.



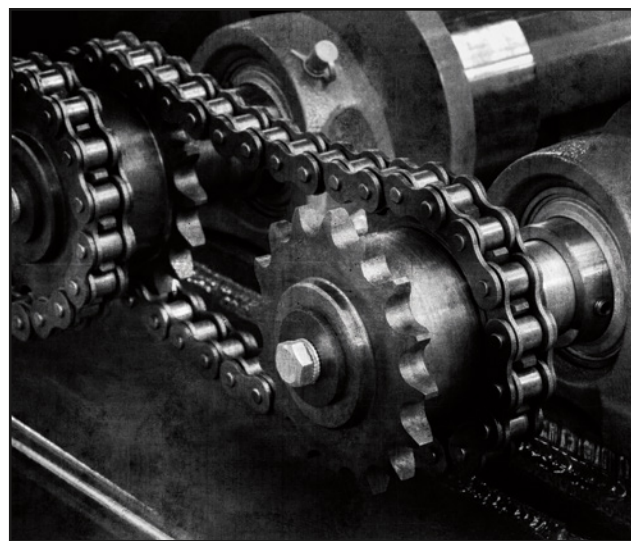


PRODUCT DETAILS

CHAIN OILS

Sinclair Lubricants Chain Oils are specifically designed to lubricate conveyor chains in lumber mills. They are very tacky, and provide flow and pumpability properties to maintain adequate lubrication over a wide range of ambient temperatures. Sinclair Lubricants Chain Oils help control leakage and provide high film strength under shock load conditions.

- Reduces wear
- Offers excellent adhesion
- Low pour points
- Prevents rust
- Reduces friction
- Provides excellent anti-wear protection



SEES THE JOB THROUGH.



ROCK DRILL OILS

Sinclair Lubricants rock drill oils deliver dependable protection against wear and corrosion in tough conditions. Built to stand up to repeated impact, rock drill oils reduce downtime and help your equipment stay ready for whatever the job demands.





PRODUCT DETAILS

ECO-PURE ROCK DRILL OILS

ECO-PURE Rock Drill oils are formulated using renewable and readily biodegradable ingredients. Made with a specialized extreme pressure agent and tackiness additives, ECO-PURE Rock Drill protects against adverse wear conditions and prevents the lubricant from being pounded out during service.

- A highly polar additive system that displaces water from the metal surfaces in the equipment thereby aiding in the prevention of corrosion
- Extreme pressure additives to protect the equipment from wear
- Contains a tackiness additive to promote adhesion to the metal surfaces to reduce metal to metal contact



BUILT FOR IMPACT.



INDUSTRIAL LUBRICANTS





HYDRAULIC FLUIDS

Sinclair Lubricants industrial hydraulic fluids are formulated to perform in extreme conditions in construction, forestry and industrial operations. The line provides good wear protection, prevents fluid breakdown and delivers good friction performance to help provide smooth and efficient operation. Sinclair Lubricants hydraulic fluids help you get the job done.





PRODUCT DETAILS

DINOLENE™ AW HYDRAULIC FLUIDS

DINOLENE AW hydraulic fluids are formulated to provide excellent anti-wear protection and long fluid life in industrial and mobile hydraulic systems. They are blended with quality base oils and additives to help you run your business smoothly and efficiently.

HI-TEK XHP AW HYDRAULIC FLUID

HI-TEK HXP AW hydraulic fluid is an advanced high zinc anti-wear hydraulic and circulation fluid that provides resistance to oxidation and sludge formation. Recommended for hydraulic systems with high pressure, those with low clearance servo-valves and for high output hydraulic pumps.



**DELIVERS EVERY TIME —
COME RAIN OR SHINE.**



INDUSTRIAL GEAR OILS

Sinclair Lubricants industrial gear oils protect the gears that carry the work. Built to handle heavy loads, our industrial gear oils defend internal components against rust and corrosion while managing heat and friction. Count on durable protection that keeps your equipment ready for the work ahead.



MADE FOR THE GRIND.



PRODUCT DETAILS

SYNGEAR PG

SYNGEAR PG industrial gear oils are a family of polyalkylene glycol (PAG) synthetic lubricants designed to provide premium performance in gear boxes, worm gears, bearings, blowers, reciprocating compressors and hydraulic systems beyond the capabilities of conventional lubricants and many other synthetic fluids.

SYNTEK HT

SYNTEK HT industrial gear oils are a family of synthetic lubricants designed for extreme operating environments and temperatures. SYNTEK HT gear oils provide better thermal and oxidation stability as well as increased protection against viscosity loss when compared to mineral oils.





METALWORKING FLUIDS

Sinclair Lubricants metalworking fluids are formulated to help reduce friction over a wide range of operations. Our lubricants support high durability, friendly, smooth operation, and improved cleanliness.





PRODUCT DETAILS

METWORX™ SUPER CUT NEAT CUTTING FLUIDS

METWORX Super Cut portfolio of cutting fluids, designed for all types of machining operations, will minimize tool wear and dramatically improve finish. The viscosity range and additive balances provide exceptional performance where oil can be used a lubricant, hydraulic oil and/or cutting oil.

METWORX™ TEK-COOL SOLUBLE CUTTING FLUIDS

METWORX Tek-Cool series of coolants, semi-synthetic fluids and concentrates provide excellent lubricity, rapid heat removal and protection against corrosion, and can be used in a multitude of machine applications on both ferrous and non-ferrous metals and for stainless steel applications.

METWORX™ SUPER QUENCH OIL QUENCHING OIL

METWORX Super Quench Oil is a premium lubricant for medium to fast quenching operations. It includes a wetting agent to improve quench times during second stage quenching, and a detergent dispersant additive for high surface cleanliness and brightness and no hard-to-remove stains.

METWORX™ SPINDLE OILS

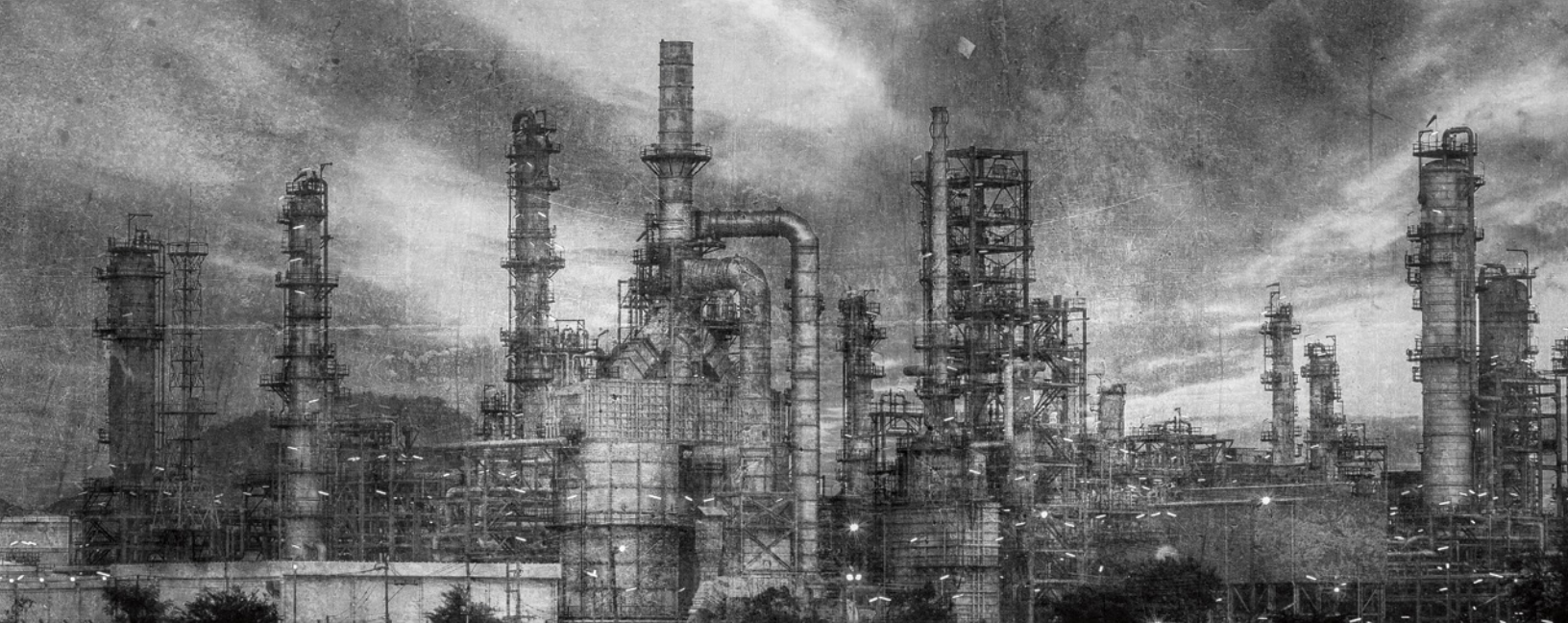
METWORX Spindle Oils are light colored oils recommended for use in high-speed spindle bearings in textile machinery and machine tools with low viscosity oil requirements. They provide excellent protection against wear and unwanted heat buildup and excel in applications of ISO 22 or lower.

METWORX™ SRPO RUST PREVENTATIVES

METWORX SRPO Rust Preventative is a water displacing, non-staining rust preventative that will quickly separate water from metal surfaces. It is easy to handle and will not bleed through wrapping boxes and provides ultra-thin, non-staining protection of highly finished surfaces in indoor storage or in transit.



BUILT FOR THE CUT.



NATURAL GAS COMPRESSOR FLUIDS

Sinclair Lubricants natural gas compressor fluids offer dependable protection for the equipment that keeps energy moving. Built for long hours and high temperatures, our natural gas compressor fluids support reliable operation when the work can't stop.



KEEPS ENERGY MOVING.



PRODUCT DETAILS

HI-TEK NG SCREW

HI-TEK NG Screw natural gas compressor fluids are premium performance compressor fluids formulated with high quality base stocks and advanced synthetic additives. HI-TEK NG Screw compressor fluids are designed to meet the specifications of OEM equipment builders and extend uptime.

SYNCOMP LGX

SYNCOMP LGX is a natural gas compressor fluid designed for use in reactive and corrosive gas streams that are found in landfills, refineries, enhanced oil recovery (EOR) and chemical process plants. SYNCOMP LGX is 100% synthetic polyalphaolefin (PAO) and does not contain base stocks, which have been found to be incompatible in highly wet and chloride containing environments.

SYNCOMP NGPG-80-B

SYNCOMP NGPG-80-B is designed specifically for operating in high pressure rotary screw and reciprocating compressors pumping natural gas, carbon dioxide, hydrogen, helium, nitrogen, ammonia and other polar gases.

SYNCOMP PG

SYNCOMP PG is a multi-purpose lubricant formulated with synthetic polymer based oils and designed for both compressor fluids and gear oils. It offers minimal swelling effect on most synthetic and natural rubber and provides good metal wetting properties.

SYNCOMP RPG

SYNCOMP RPG natural gas compressor fluids are synthetic lubricants formulated with polyether polyol base stocks, which have been designed specifically for use in propane compressors in both refrigeration and unloading service.



WIRELIN LUBRICANTS

Sinclair Lubricants wireline lubricants are a viscous blend of specialty polymers and custom corrosion inhibitors in highly refined mineral oils. The line is highly inhibited to protect from salt water and hydrogen sulfide (H₂S). Our wireline lubricants also protect wire rope from excessive wear and premature failure, and withstand high temperatures and extreme environments.





PRODUCT DETAILS

DX™ WIRELINE LUBRICANT MP

DX Wireline Lubricant MP is designed to provide effective wireline lubrication while maintaining and holding higher seal pressures. It is most effective under high shock conditions for the reductions of drop and splatter.

DX™ WIRELINE PROTECTION SPRAY

DX Wireline Protection Spray is an advanced corrosion inhibitor engineered to protect wirelines against aggressive downhole conditions, including salt fog, salt water and acidic environments. The product exceeds ASTM B-117 salt water corrosion standards.

DX™ CABLE LUBE

DX Cable Lube wireline lubricants deliver superior performance through carefully selected base stocks engineered for exceptional purity and stability. They are refined using ultra-high-pressure hydrotreatment with vitamin E oxidation inhibitor and fortified with corrosion inhibitors to neutralize acidic well conditions and protect metallic cable components.

DX™ CABLE LUBE GREEN

DX Cable Lube Green wireline lubricants are petroleum-free synthetic cable lubricants engineered specifically for wireline operations. Formulated with advanced synthetic base oils, these cable lubes minimize seal degradation while delivering superior lubrication performance in demanding environments.

DX™ SELF-SEAL GREASE

DX Self-Seal Greases are a unique formulation of base oil and quality additives engineered specifically for greaseless logging cables operating in demanding environments. These advanced lubricants provide superior adhesive and cohesive properties that deliver exceptional protection where conventional products fail.

DX™ POWER PACK

DX Power Pack is specifically formulated for pump packings and plungers in heavy-duty hydraulic fracturing pump applications for a wide range of temperatures and operating conditions. It delivers enhanced pumpability vs semi-fluid greases, improved adhesion for surface bonding, and superior material compatibility.



CABLE PROTECTION THAT PULLS ITS WEIGHT.



FOOD GRADE LUBRICANTS





FOOD GRADE LUBRICANTS

Sinclair Lubricants food-safe lubricants are made to show up and perform when production is on the line. Our food grade lubricants are NSF H1 approved and formulated to stand up to heat, contamination and intense cleaning cycles. Reduce downtime and keep production moving with our food-safe lubricants.





PRODUCT DETAILS

SUPERFILM FG AW HYDRAULIC FLUIDS

SUPERFILM FG AW hydraulic fluids are formulated for food processing hydraulic systems, pneumatic and compressors (ISO 32 through ISO 68), and non-EP lightly loaded gearboxes and chain drives (ISO 100 through ISO 460). SUPERFILM FG / AW Hydraulic Oils provide excellent rust protection and oxidation resistance.

HYSYN FR FG 46 HYDRAULIC FLUID

HYSYN FR FG 46 is a water glycol based hydraulic fluid formulated specifically for food processing plant applications. Hysyn FR FG 46 is fire resistant due to the high water content, making it a perfect product for use in meat processing plants for the cooking side.

SYNCOMP SYNTHETIC FG COMPRESSOR FLUIDS

SYNCOMP Synthetic FG compressor fluids are compressor lubricants based on polyalphaolefin base blends. The polyalphaolefins are combined with a select combination of anti-wear agents, oxidation inhibitors and rust inhibitors for optimum performance.

SYNTHETIC PSL-FG

Synthetic PSL-FG is a food grade penetrating / rust preventative fluid that is designed to quickly penetrate and clean most rust, gums, sludge and varnishes to free up frozen parts.

HI-TEK FG HEAT TRANSFER FLUID

Hi-Tek FG Heat Transfer Fluid is a specially formulated food grade heat transfer fluid designed to provide extended trouble-free operation in systems where temperatures may reach 600°F or higher.

CONVEYOR GLIDE LUBRICANT FG

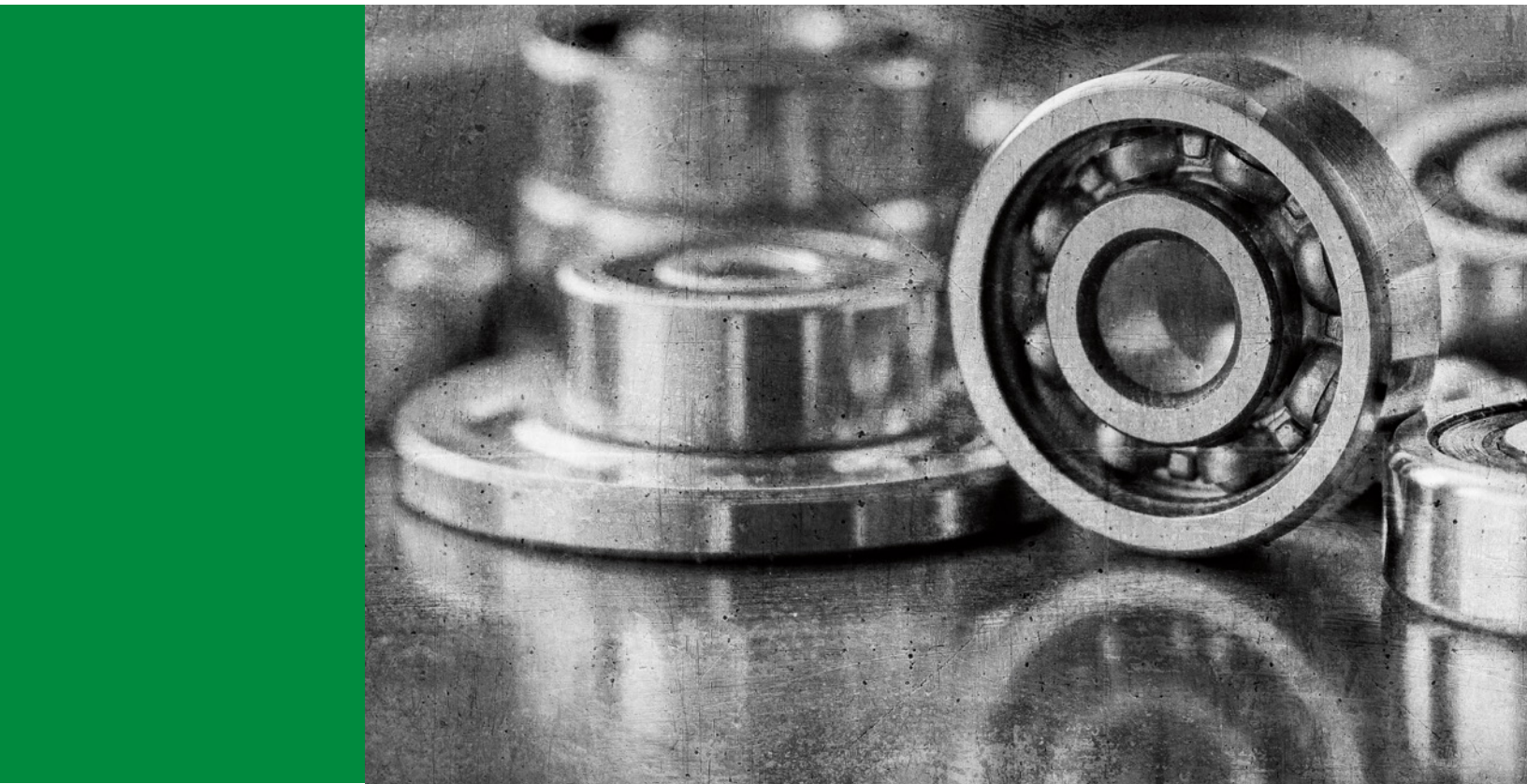
Conveyor Glide Lubricant FG is designed to lubricate conveyor chains and trolleys in food packaging plants. The viscosity of Conveyor Glide Lubricant FG makes it an ideal lubricant for use with injection nozzle applications. Conveyor Glide Lubricant FG provides rust protection where water and/or steam is present, excellent lubricity and is resistant to dripping from the conveyor rollers and shackles.

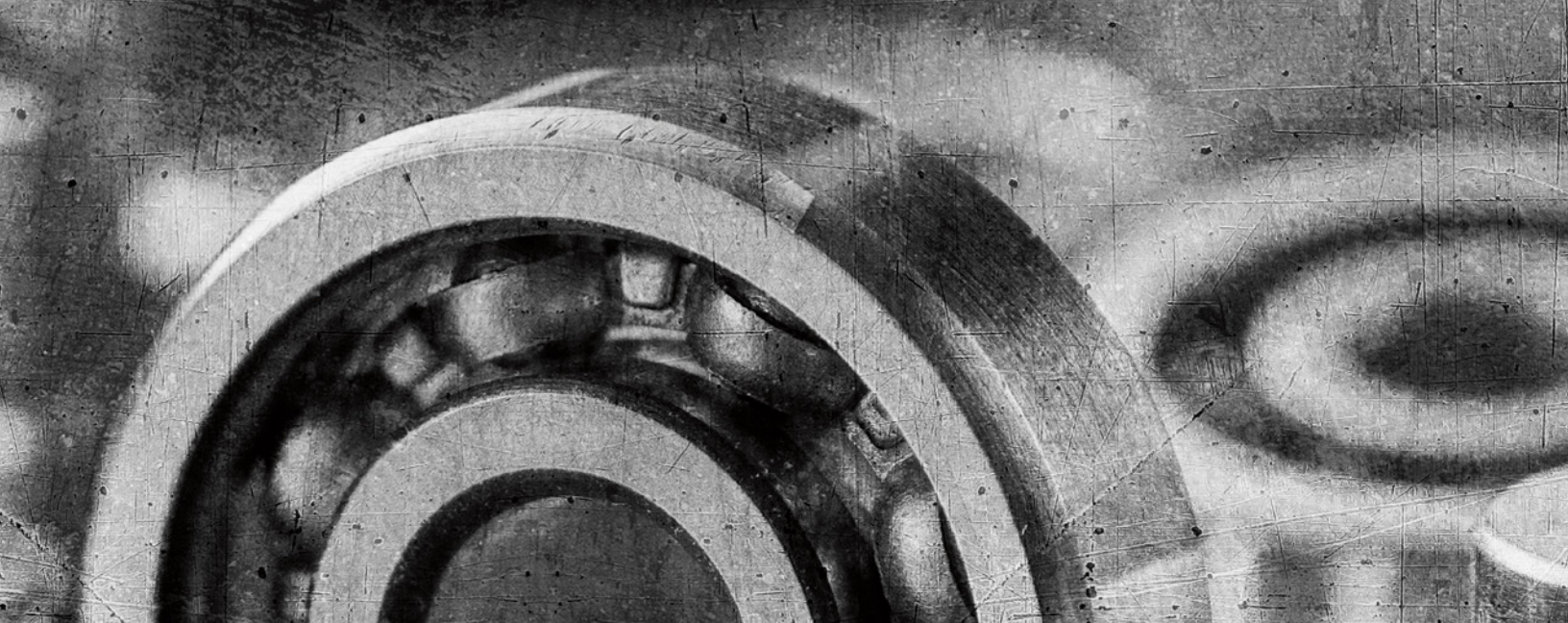


MADE FOR THE TOUGHEST SHIFTS.



GREASES





GREASES

Sinclair Lubricants greases stand up to pressure in the toughest environments. They deliver long-lasting protection against rust, wear and corrosion, and help reduce downtime. Make sure equipment is ready for any job with durable protection you can count on.



READY WHEN WORK GETS HEAVY.

PRODUCT DETAILS

MOLY HI TEMP 2-BLACK GREASE

Moly Hi Temp 2-Black is a blend of premium petroleum oils, bentonite treated clay and molybdenum disulfide. With a dropping point of 500°F +, Moly Hi Temp 2-Black grease is an ideal lubricant for slow moving journal bearings operating at high temperatures such as those found in sugar mills. Moly Hi Temp 2-Black grease is highly resistant to water washout.

SUPERFILM™ C-X-2 GREASE

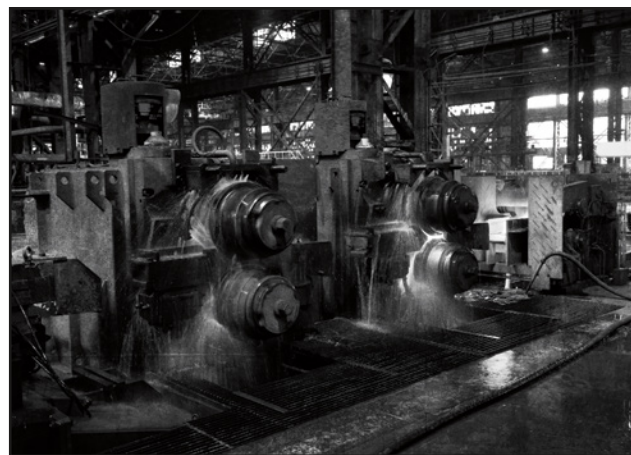
SUPERFILM C-X-2 is a heavy-duty, extreme pressure grease for superior performance in corrosive and wet salt water environments such as those for marine equipment, construction, mining, agriculture, offshore rigs and many others.

SUPERFILM™ HI-TEMP GREASE

SUPERFILM Hi-Temp Grease features advanced lithium complex soap technology. It is an extremely tacky adhesive and cohesive, ensuring the grease stays in the application to seal away dirt, dust, metal fines, and other abrasive particulates.

SUPERFILM™ HI-TEMP MOLY ADDITIVE (HMA) GREASE

SUPERFILM HMA Grease contains molybdenum disulfide and graphite to minimize friction, reduce heat and wear, and extend bearing life. It does not plate out, it "stays put" to maintain smooth consistency over a wide range of operating temperatures.



**NOTHING IS MORE
IMPORTANT THAN
KEEPING OUR COUNTRY
MOVING. WE'RE PROUD
TO HELP YOU DO IT.**





Sinclair Lubricants is proud to be part of the HF Sinclair family of brands, including Sonneborn, Petro-Canada Lubricants, Red Giant Oil and HollyFrontier Specialty Products. HF Sinclair brands offer a wide range of products from heavy-duty engine oils to hydraulic fluids, transmission fluids, gear oils and greases through an extensive distribution network across the U.S. to meet all of your product requirements.



WE TAKE DUTY SERIOUSLY.

**SINCLAIR OIL PARTNERS WITH FOLDS OF HONOR, A
NONPROFIT ORGANIZATION THAT PROVIDES SCHOLARSHIPS
TO THE SPOUSES AND CHILDREN OF FALLEN OR DISABLED
MILITARY AND FIRST RESPONDERS. AS PART OF OUR
ONGOING COMMITMENT, A PORTION OF THE PROCEEDS
FROM THE SALE OF SELECT SINCLAIR LUBRICANTS
WILL BE DONATED TO FOLDS OF HONOR.**

Join our effort: SinclairFuelingFolds.com

Sold and Distributed by
HF Sinclair L&S LLC
2323 Victory Avenue,
Suite 1400,
Dallas, TX 75219

888-340-DINO (3466)
sinclairlubricants.com