

Orion LUBRICANTS



LUBRICATING OILS

- ORION 450**
Superior Food Machinery. Orion advanced additives chemistry and synthetic base oil produce a high-performance Pharmaceutical Grade Lubricant. Outlasts and outperforms any ordinary pure grade oil used in food processing, ablaters, bottling, hospitals, canneries, bakeries and laboratories.
- ORION 480**
Synthetic Food Grade Chain & Gear Oil. Extended service range from -30 to 240°C (22 to 460°F). Perfect for both high heat and refrigerated applications in food processing plant.
- ORION 530**
Universal Tractor Oil. Suitable for practically every make and model equipment. SAE 10W30, 10W40
- ORION 540**
Superior Air Line Lubricant. Designed to withstand high air pressures, dampness, oxidation and corrosive attack in air-powered tools. Flows freely even where air pressure lowers the temperature to freezing point. SAE 10.
- ORION 570**
Multi-Grade Hydraulic Oil. Specially designed for close tolerance hydraulic equipment. Resists viscosity loss in high heat conditions, resists "frthing" and oxidation, permitting regular cylinder action. SAE 10W30
- ORION 575**
A Synthetic Biodegradable Hydraulic. Superior synthetic formulation that offers high performance characteristics comparable to mineral oils, but in an environmentally friendly, ecologically non-damaging medium.
- ORION 580**
Superior Chain and Way Lubricant. Features extra high film strength to prevent chains from scoring, cracking and breaking. Excellent for sideways, high-speed chains, conveyors and hookways. Available in ISO 68, 150 and 220.
- ORION 590**
Food-Grade Air Line Lubricant. Makes this high quality oil suitable for use in and around food/pharmaceutical/beverage equipment. Highly stable formula provides superior lubrication in pressurized air systems. Available in ISO VG 32.
- ORION 600**
Universal Lubrication & Hydraulic Oil. Super multi-purpose lubrication oil designed for almost all forms of machinery lubrication and equipment where EP oils are not recommended. Available in SAE 5, 10, 20, 30, or 40.
- ORION 610**
Superior Air Compressor Oil. Controls oxidation at elevated temperatures. Seals packing and pistons to prevent air leakage, stops the formation of carbon deposits and acts as a heat transfer medium. Highly Recommended for vacuum pumps. Available in SAE 10, 20, 30 or 40.
- ORION 620**
Synthetic Air & Refrigeration Compressor Oil. Provides up to 10 times operating life of ordinary compressor oils used in rotary vane and rotary screw compressors. Suitable for use down to -54°C. Virtually eliminates oil foaming and varnish formation. Available in ISO VG 46.
- ORION 727**
Jamaican-Base Universal Maintenance Oil. For all basic maintenance requirements. Contains pure Jamaican Pimento oil making it one of the finest water-displacing agents. Also a superb rust preventative.
- ORION 730**
Superior Chain Lubricant. Superior "ORION" additive prevents metal welding and shearing. High stability to provide lubrication for chains where other ordinary oils fling off, drip off or melt off. Available in ISO 220.
- ORION 740**
Hi-Temp Chain Lubricant. 100% synthetic formulation has low volatility rate for extended "wet" film lubrication. Low emission and high tackiness for "stay put" reliability. Special friction modifiers provides lubrication even should vaporization of base fluid occurs.
- ORION 760**
Superior Thermal Stability Heat Transfer Oil. Engineered to the highest operating standards. Improved heat transfer properties due to exceptionally fine, low viscosity base oil.
- ORION 800**
Straight Mineral Gear Oil. A premium oil heavily fortified against foam and oxidation permitting high heat and improved wear performance. Features extra high film strength to SAE 90 or 140.
- ORION 820**
High-Performance Worm Gear Oil. Improves operating efficiency, saves energy, lowers operating temperatures and provides superior operating life for worm gear sets.
- ORION 870**
Super EP Gear Oil. Allows transmissions, differentials and gearboxes to man efficiently for long periods. High water resistance, reduces acid and frictional wear. For multi-purpose, hypoid and extreme pressure applications as well as worm gear and limited slip differential applications. Available in SAE 75W/90, 80W/90, 85W/140, 90, 140 and Special "Shear Stable" 75W/140.
- ORION 880**
Drive Train & Hydraulic Fluid. Exceeds the latest Caterpillar TO-4 and Allison C-4 Specification. For use in transmissions, hydraulics, wet brakes, power take-offs & final drives. Unique "Balanced Fluidity" component virtually eliminates clutch/power setting adjustments for the life of your equipment. Available in SAE 30.
- ORION 890**
Super Automatic Transmission Fluid. Provides protection from heat and oxidation - the two greatest enemies of automatic transmissions. Designed to withstand severe operating conditions. Will not damage oil seals, impervious to temperature changes.
- ORION 900**
Premium Diesel Engine Oil. For severe and turbocharged operating conditions in gasoline and diesel engines. The fine paraffinic base provides greater cohesion, adhesion with high heat and oxidation resistance. Available in SAE 30 and 40.
- ORION 910**
Synthetic Engine Oil. New-generation, Synthetic high performance engine oil engineered to surpass performance of ordinary synthetics. Better cooling and lower friction with advantage of extended drain interval for gasoline-diesel and turbo powered cars. Available in SAE 5W40
- ORION 930**
High Performance 2-Cycle Racing Engine Oil. 100% synthetic formulation engineered specially for superior lubricity and performance. Has excellent low temperature properties for use in cold condition.
- ORION 935**
Highly Refined 2-Cycle Engine Oil. Semi synthetic formulation for moderate to high performance engines. Has excellent low ash properties preventing carbon build up.
- ORION 940**
Long Drain All-Flleet Engine Oil. Controls wear so effectively, it provides Ultra Long Life change intervals. Meets every vehicle engine manufacturers' spec. Available in SAE 15W40 and 20W50.
- ORION 970**
Special Performance Engine Oil. Engineered super tough to keep lubricating high-output, high-performance engines under the most arduous racing conditions. SAE 5W30 5W40 10W60
- ORION 980**
Special Textile Oil. Light bodied, colorless oil that combines high lubricity and high stability for textile spindle lubrication. Will not stain. Emulsifies with water to allow yarn to accept dyeing even over spill lubricant. Designed to absorb vibration and "cling" at high speeds. SAE 5-10 for higher speeds in excess of 20,000 rpm.

LUBRICATING GREASES

- ORION 7000**
Pistol-Grip Grease Gun. The superior long-lasting grease gun designed specifically for use with quality Orion 400-gm cartridge-type greases. Special on-head fitting enables loading from bulk containers.
- ORION 39**
Super Fluoroether Grease. Specially engineered for hostile operating environments. Non-toxic and virtually indestructible. 100% resistant to oxidative degradation and most common solvents. Suitable even for oxygen fittings.
- ORION 47**
Universal Non-Melt Grease. Suitable for practically every greasing operation with all types of equipment. Retains its lubricity and continues lubricating even under high heat conditions. Excellent metal adhesion even on moving parts. Color coded to prevent misapplication. Recommended for use at temperatures of 204°C. NLGI #2.
- ORION 49**
Hi-Temp OSL Grease. Provides extreme high temperature lubrication in excess of 700°C (1292°F) and heralds a new age of lubrication technology. Suited for "impossible" applications, such as oven cars, kiln cars, ovens, foundry and steel mills. NLGI #2.
- ORION 52**
Super Corrosion-Control Grease. Engineered to provide the highest possible lubricating and protection qualities ever, for highly corrosive saltwater and water wash environments. Specially recommended for offshore, port or ship engineering works. NLGI #2.
- ORION 62**
High Speed Bearing Grease. High DN factor (1,200,000) Will not fling off. Good water resistance and excellent corrosion resistance. NLGI #2.
- ORION 63**
Super Bearing Grease. Forms a wear arresting film on rollers, balls and races which seal out dirt, dust, mud and water. Will not channel to outer bearings and has a minimum dropping point of 249°C. NLGI #2.
- ORION 72**
Superior Food Machinery Grease. For food processing and handling equipment. Withstands cold temperatures, steam and extreme heat. Melting point is in excess of 240°C. Immune to mild and concentrated acidic conditions, water and detergents. NLGI #2 and #0.
- ORION 86**
Enclosed Gear Grease. Ideal for slow moving or poorly sealed gear systems. Controls wear at slow speeds. Also suited as track and roller lubricant, spreads easily and will not drip. NLGI #00.
- ORION 87**
Long Life Chain and Cable Grease. Effectively penetrates and replenishes the core lubricant in chains, cables and wire rope. Remarkable tenacity prevents "fing off". Protects against saltwater corrosion, mud, water, dust and dirt. Easy to apply, even on wet surfaces, no heating required. NLGI #00. Now available in 400ml spray cans.
- ORION 88**
Heavy-Duty Low Temp Grease. Maintains outstanding physical properties and performance capabilities down to -80°C. Has excellent water resistance, good storage stability and is resistant to corrosion. NLGI #2.
- ORION 92**
Waterproof Open Gear Lubricant. For heavy duty service. Provides super wear resistance, absorbs shock loads, protects against rust and corrosion. Easy to apply without heating; stays in place longer in hot or cold temperatures. NLGI #2. Now available in 400ml spray cans.
- ORION 97**
EP Bearing & Chassis Grease. For heavy duty chassis points in both friction and anti-friction bearings. Withstands extreme shock loadings. Forms its own seal against water and outside temperatures and contaminants. Has high resistance to pounding out. Excellent cohesive and EP properties. NLGI #2 & #0.
- ORION 100**
"Anti-Seize" Grease. Acts as a thread lubricant and sealant, guards against acid action, metal seizing and galling, galvanic action, heat and rust action. Stable from -150°C to 1090°C.

ADDITIVES

- ORION 202**
"The Liquid Cork" Radiator Sealant. Designed for permanent sealing of all recirculated water cooling systems. Assists the operation by lubricating water pumps with a special anti-friction additive. Suppresses rust formation.
- ORION 203**
Tire & Rubber Mounting Lubricant. Engineered specially for trucks and heavy equipment. Will not damage rubber. Its polymer system provides good rim fit and rust protection for the tire and tire rim. Saves time and labor when changing tires and rubber bushing etc. No mixing or dilution required - just brush or spray on.
- ORION 230**
Industrial Oil Concentrate. Designed specifically to improve operating efficiency and maintenance, reduction of all industrial equipment dependence on oil lubrication. Stabilises lubricant viscosity at all temperatures, yields improved lubricity.
- ORION 240**
Special Radiator Treatment Additive. Prevents corrosion, protects and lubricates water pumps and seals. Ensures better thermostat operation. One application protects for up to 6 months.
- ORION 245**
Special Radiator Flush. Removes loose rust and dissolves oily deposits from the cooling system. Cleans cooling system restoring efficiency.
- ORION 250**
Engine & Compressor Flush. Engine and air compressors. Prevents the immediate deterioration of new oil by cleaning out all the damaging components of the old oil.
- ORION 272**
Super Engine Oil Additive. Gives engine oil greater lubricity to provide effective lubrication from the first revolution. Improves compression, controls oil consumption and prevents excessive wear.
- ORION 288**
"Seal Saver". Lubricates, protects and prolongs the life of engine and equipment seals. Prevents seal deterioration and assists in conditioning seals to prevent fluid loss. Equipment dismantling for seal replacement is forever banished with regular use.
- ORION 290**
Corrosion-Preventing Coating System. Physical and chemical barrier that protects against damaging corrosive outdoor conditions for up to 12 months. Provides corrosion protection for metal surfaces indefinitely during indoor storage. Brush or spray on application and easy removal. High coverage.
- ORION 295**
Super Diesel Additive. Orion 295 provides lubrication to fuel pumps and top and areas. Cleans injectors and removes damaging carbon deposits. Prevents water emulsions and gives unsurpassed corrosion protection from the fuel storage tanks to exhaust. Boosts cetane, reduces emissions, easier starting and anti foam. Improves fuel economy.
- ORION 299**
Fuel Injection Cleaner. Eliminates clogged fuel injectors in both large model passenger cars and all types of diesel vehicles. Cleans and lubricates injectors. Ensures rapid, "as new" drivability and economy.

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