Specialty Industrial Lubricants

Since 1958, The Orelube Corporation has manufactured and marketed Specialty Lubricating Oils & Greases for Industrial applications worldwide.

From synthetic base fluids and highly refined and hydrocracked paraffin base oils blended with chemical and metallic additives, Orelube produces fully formulated modern lubricating oils and greases.

PERFORMANCE

- Extend lubrication intervals
- High film strength and load carrying properties
- Reduce friction and wear
- Longer equipment life
- Reduce power consumption
- Less downtime

ADVANTAGES

- High viscosity index
- Low volatility
- High flash point
- Low pour point
- Non-foaming
- Water resistance
- High dropping point
- Wide operating temperature range

Today's manufacturing plants are running faster and harder. Rising costs, competitive pressures and demanding production requirements are forcing equipment to work harder, longer and more efficiently. With increasing demand for more efficiency and productivity, it is imperative to keep production going. Equipment failure, increased friction and wear, as a result of inadequate lubrication lead to manufacturing downtime. Therefore it is important to implement an integral lubricant maintenance program.

But the best equipment maintenance program will only be partially successful unless there is an emphasis on quality lubricants, which keep equipment up and running day after day, year after year with minimal downtime.

Orelube can help by providing a selection of high performance multi-purpose oils and greases that can effectively replace conventional lubricants. To ensure customer satisfaction, all Orelube products are backed by a commitment to customer service and superior quality.

ORELUBE PRODUCT INDEX

OILS

CHAIN LUBRICANTS — ISO VG

100% Synthetic fluids for high temperature chain lubrication. Superior high temperature oxidation and thermal stability for prolonged fluid life. High film strength and lubricity reduces chain wear and power consumption.

HT-500	220
HT-1001	390 cSt @ 40 C
FB-300/250	220

COMPRESSOR FLUIDS — ISO VG

CO Compressor Fluids

Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for Rotary Screw and Rotary Vane type and Reciprocating type Air Compressors. Superior wear protection and enhanced oxidation stability.

CO-10	32
CO-20	46
CO-30	68
CO-10/50	100

H Series Compressor Fluids

100% Synthetic PAO fluid blends designed for Rotary Screw and Rotary Vane type Air Compressors and Reciprocating type Air Compressors. Oil drain intervals up to 8000 hours. Superior wear protection and high oxidation stability.

H-32	32
H-46	46
H-68	68
H-100	100

L Series Compressor Fluids

100% Synthetic Ester fluids designed for Rotary Screw and Rotary Vane type Air Compressors and Reciprocating type Air Compressors. Oil drain intervals up to 8000 hours. Clean operation – helps reduce varnish, sludge and carbon deposits.

L-68	68
L-100	100

GEAR OILS	**ISO VG**

G Gear Oils

Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for gears operating under heavy loads and/or shock loads. High EP (load carrying capacity). Tackifier provides extra-adhesive, non-leak properties. Special Organo-Moly antifriction additive.

G-75/80	68
G-40	100
G-90	220
G-90/140	460

G Gear Oils Red

Heavy-duty industrial EP gear oils. Choice of semi-synthetic or paraffin base oil formula. Tackifier provides extra-adhesive, non-leak properties.

G-68 Red	68
G-100 Red	100
G-150 Red	150
G-220 Red	220
G-320 Red	320
G-460 Red	460

K Gear Oils ND

Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for industrial EP gear lubrication. Stable colloidal suspension of Molybdenum disulfide reduces friction and wear. Tackifier provides extra-adhesive, non-leak properties.

K-30 ND	100
K-90 ND	220
K-140 ND	460

GL Gear Oils

Heavy-duty industrial EP gear oils blended from highly refined, high VI paraffin base oils. Exceed US Steel 224 and AGMA specifications.

GL-68	68
GL-100	100
GL-150	150
GL-220	220
GL-320	320
GL-460	460

Hydraulic Fluids — ISO VG

111 W Hydraulic Fluids

Semi-Synthetic blend of highly refined, high VI paraffin base oils and synthetic PAO fluid designed for hydraulic systems subjected to high pressures. Superior wear protection. Multigrade viscosities. Tackifier provides extra-adhesive, non-leak properties.

111 W	68 / 100
112 W	46 / 68
113 W	32 / 46

HA Hydraulic Fluids

Antiwear hydraulic fluids blended from highly refined, high VI paraffin base oils to meet the toughest requirements of major manufacturers and users of hydraulic equipment.

HA-1	32
HA-2	46
HA-3	68
HA-4	100
HA-5	150

Machinery / Machine Tool Oils — ISO VG

G-10/50

Semi-Synthetic blend of highly refined, high VI paraffin base oil and synthetic PAO fluid for EP lubrication of industrial machinery such as high-speed gear drives and reducers, oil-lubricated bearings. Multigrade viscosity. Tackifier provides extra-adhesive, non-leak properties.

G-10/50	68 / 100

Spindle Oils

Designed for the lubrication of spinning and twisting spindles and rings and high-speed roller bearings such as those found in machine tool spindles, especially grinders. Superior wear protection. Tackifier provides extra-adhesive properties, especially at high speeds.

Spindle Oil Light	15
Spindle Oil Medium	22
Spindle Oil Heavy	32

Way Oils

Specially-formulated for the lubrication of slideways on milling, horizontal and vertical boring machines, drilling machines, screw machines, planers, grinders, shapers, lathes and slotters. Resist emulsification by synthetic coolants and soluble oils. Tackifier provides extra-adhesive properties enabling the oil to adhere strongly to sliding surfaces.

Way Oil 68	68
Way Oil 220	220

Food Grade Lubricants	**ISO VG**

ET-Y Oils

Semi-synthetic, food grade, non-toxic NSF registered H1 lubricating oils for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-Y Oils are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact.

ET-5Y	15
ET-10Y	46
ET-20Y	68
ET-30Y	100
ET-40Y	150
ET-90Y	220
ET-320Y	320
ET-90/140Y	460
ET-140Y	680

ET-S Oils

100% Synthetic, food grade, non-toxic NSF registered H1 lubricating oils for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-S Oils are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact.

ET-10 S	32
ET-20 S	68
ET-30 S	100
ET-40 S	150
ET-90 S	220
ET-140 S	460

SYNCHAIN Oils

100% Synthetic, food grade, non-toxic NSF registered H1 lubricating oils for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-S Oils are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact. Specially-formulated for high temperature oven chain lubrication.

SYNCHAIN 220	220
SYNCHAIN 460	460

ET-2A Grease

White, food grade, non-toxic, NSF registered H1 Aluminum complex EP grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-2A are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact. High EP (load carrying capacity) properties for a food grade lubricant. Other advantages include superior water resistance, high dropping point, and shear stability.

ET-2B Grease

100% Synthetic PAO, food grade, non-toxic NSF registered H1 Aluminum complex EP grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-2B are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact. High EP (load carrying capacity) properties for a food grade lubricant. Other advantages include superior water resistance, high dropping point, and shear stability.

ET-2S Grease

100% Synthetic PAO, food grade, non-toxic NSF registered H1 organoclay grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-2S are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact. Superior low temperature lubrication.

ET-2G Grease

Translucent, food grade, non-toxic NSF registered H1 nonsoap grease for the lubrication of machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in ET-2G are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact. General-purpose lubrication.

PRG

100% Silicone, non-toxic, NSF registered H1 grease compound for machinery used to produce, process, package and/or transport food, beverage and pharmaceuticals where incidental contact with product may occur. All the components in PRG are in accordance with FDA regulation 21 CFR 178.3570 – Lubricants with incidental food contact. Designed for metal-to-plastic or –rubber applications.

Specialty Products	**ISO VG**

Vacuum Pump Oil

Formulated from highly refined, high VI paraffin base oil for use in most types of vacuum pumps, including rotary and reciprocating types. Low vapor pressure for vacuums as low as 10^{-2} torr.

Vacuum Pump 30	100

Diesel Fuel Conditioner AD 7 Plus Cetane

Provides easier starting and better fuel economy. In poorer quality fuels containing high levels of sulfur, or fuels that are refined from naphthenic crude oil, the cetane number is low. Cetane improver additive will provide a minimum increase of 4 to 7 cetane #s in fuels greatly improving fuel combustion. The reduction in smoke thereby reduces hydrocarbon, particulate and CO_2 emissions resulting in a cleaner environment.

The AD 7 detergent additive is designed to clean dirty fuel injectors, which is a cause of engine smoke. As the injectors are cleaned, the fuel spray pattern is improved which results in better fuel combustion and less engine smoke. Carbon buildup on rings, valves and plugs is drastically reduced, and better fuel atomization provides more power generated per gallon of fuel.

RS 2

Super-concentrated antiwear engine oil treatment formulated to add extra-protective additives into engine oil providing maximum engine protection and efficiency.

Hydraulic XTRA

Industrial oil concentrate combining different additives designed to improve the performance of oil-lubricated industrial equipment. Extra-lubrication protection and performance is obtained when added to conventional industrial oils.

Lubricating Grease

ALPLEX LT

High speed, low temperature Aluminum complex EP grease manufactured using high VI paraffin base oil. Designed for equipment operating at low temperatures and bearings running at high speeds requiring low torque grease.

ANTI-SEIZE #1

High temperature Moly and Graphite EP compound. Prevents galling and seizing at pressures up to 500,000 psi. High solids content provides exceptional EP protection preventing metal-to-metal contact under extreme loads. Extremely adhesive. Operating temperature range from –300 to 750 F.

ANTI-SEIZE #2

High temperature Copper, Graphite and Zinc EP compound. Finely divided soft metals and solid lubricant prevents metal-to-metal contact at pressures up to 200,000 psi. The high solids content provides superior protection to parts, bolts, screws and threads. Extremely adhesive. Operating temperatures up to 2000 F.

BLUE SEAS

Blue Aluminum complex EP grease fortified with special polymer additives to withstand the heavy impact and pounding that is common to heavy equipment. High load carrying properties. Being extremely adhesive, it resists throw-off from bearings and fittings. Has a unique combination of properties engineered into one grease providing total protection for industrial, marine, agricultural, mining and construction equipment exposed to adverse conditions – high loads, shock loads, water, dirt, dust, weather and steam. Manufactured using high VI paraffin base oil. Other advantages include superior water resistance, high dropping point, and shear stability.

BM-50

White semi-fluid EP grease for the lubrication of cams, bearings and grease-lubricated gears especially where excessive leakage is a problem. Extra-adhesive properties. Superior wear protection. Specified for use on Barmag FK6-12 texturizing machines to lubricate the traverse motion unit.

CRIMSON 77

Red Aluminum complex EP grease fortified with special polymer additives to withstand the heavy impact and pounding that is common to heavy equipment. High load carrying properties. Being extremely adhesive, it resists throw-off from bearings and fittings. Has a unique combination of properties engineered into one grease providing total protection for industrial, marine, agricultural, mining and construction equipment exposed to adverse conditions – high loads, shock loads, water, dirt, dust, weather and steam. Manufactured using high VI paraffin base oil. Other advantages include superior water resistance, high dropping point, and shear stability.

ELCG

100% Synthetic electrical conductive grease compound containing a high concentration of electrically conductive solids dispersed in a special synthetic base fluid.

G-1/3

Nonmelt organoclay grease manufactured using high VI paraffin base oil. Synthetic organic Molybdenum compound provides excellent antiwear properties and oxidation inhibition at high temperatures. Benefits include water resistance.

G-1650

Extra-tacky, adhesive, metallic semi-synthetic open gear EP compound for open or semi-enclosed gears. Manufactured using special synthetic polymers, high viscosity paraffin base oil, Aluminum complex grease and metallic lubricating solids. Adheres to gear teeth without being thrown off rotating gears. Metallic lubricating solids help reduce gear wear providing smoother and quieter running machinery.

G2-HT

Nonmelt organoclay grease manufactured using high VI, high viscosity paraffin base oil for improved thermal and oxidation stability at higher operating temperatures. Benefits include water resistance.

HT-450 SC

100% Synthetic Ester high temperature EP grease for use at operating temperatures above 400 F (204 C). Fortified with PTFE solid lubricant. Unique synthetic Sodium complex thickener. Thermal and oxidation stability at high temperatures enables long relubrication intervals. High load carrying properties.

HT-600

100% Synthetic Ester high temperature EP grease for use at operating temperatures above 400 F (204 C). Fortified with PTFE solid lubricant. Nonmelt thickener. Thermal and oxidation stability at high temperatures enables long relubrication intervals. Superior wear protection.

HT-600 M

100% Synthetic Ester high temperature EP grease for use at operating temperatures above 400 F (204 C). Fortified with Moly and PTFE solid lubricants. Nonmelt thickener. Thermal and oxidation stability at high temperatures enables long relubrication intervals. High load carrying properties.

HT-707

100% Synthetic Ester nonmelt organoclay grease for use at operating temperatures above 400 F (204 C). Will not drip or run out at continuous elevated temperatures or speeds. Thermal and oxidation stability at high operating temperatures enables long relubrication intervals.

HT-1000 G

Nonmelt organoclay grease manufactured using high VI paraffin base oil. Fortified with Graphite solid lubricant. Synthetic organic Molybdenum compound provides good wear protection and oxidation inhibition at high temperatures. Reduces friction and wear at high temperatures. Benefits include water resistance.

K-2
Nonmelt organoclay EP grease manufactured using high VI paraffin base oil. Fortified with Moly solid lubricant. High load carrying properties. Benefits include water resistance.

NEPTUNE 7
Aluminum complex EP grease manufactured using high VI paraffin base oil. Fortified with Moly solid lubricant. High load carrying properties. Good oxidation stability at higher temperatures. Other advantages include superior water resistance, high dropping point, shear stability, and good pumpability.

OCEAN 7
Aluminum complex grease manufactured using high VI paraffin base oil for lubrication in high humidity or salt-water conditions. Superior water resistance. Rust and corrosion protection. Good wear protection. Other advantages include high dropping point, shear stability, and good pumpability.

OCEAN 7W
White Aluminum complex EP grease manufactured using high VI paraffin base oil. High load carrying properties. Good oxidation stability at high temperatures. Extra-adhesive properties. Other advantages include superior water resistance, high dropping point, and shear stability.

TRIDENT 88
100% Synthetic PAO Aluminum complex EP grease. High load carrying properties. Synthetic organic Molybdenum compound provides good wear protection and oxidation inhibition at high temperatures. Excellent low temperature lubrication. Other advantages include superior water resistance, high dropping point, and shear stability.

770 PFPE
PTFE thickened, high viscosity Perfluoropolyether grease developed for severe service applications where good film strength is needed at high temperatures, and/or fuel or chemical resistance is required. Ultra-long life, continuous operating temperature range -20 to 250 C (-4 to 500 F).

For more detailed product information refer to individual technical data sheets and MSDS.