



**LUBRI-LOY®**

**PRODUCT CATALOG**

**Delivering the highest-quality, most  
technologically-advanced lubrication solutions.**



**LUBRI-LOY®**  
SINCE 1949

## **LUBRI-LOY HISTORY**

Since 1949, Lubri-Loy has offered end users and distributors the most technologically-advanced, highest-quality premium lubrication products at economical prices.

Equipment is expensive and your investment deserves to be protected. By properly lubricating equipment through the correct applications, you fight friction – resulting in overall lubricity and efficiency. This is our primary aim at Lubri-Loy.

Our products are designed for use under a variety of conditions – from adverse and extreme situations to very basic daily, ongoing maintenance. Lubri-Loy can lower operating costs, decrease lubrication cycles, maximize efficiency of equipment, and reduce maintenance downtime.

We use only premium, top-tier additives, base stocks and the most-advanced methods to develop, blend and manufacture each of our products.

## **CUSTOMER TECHNICAL SUPPORT**

Our staff of experts can assist with questions regarding applications as well as technical issues. Product data and MSDS information is available upon request through each of the following options:

Please call: 636-561-5007

Visit our Web Site at [www.LUBRILOY.com](http://www.LUBRILOY.com) to download MSDS information

To send a request via fax: 636-561-5006

To send a request via e-mail: [customercare@lubriloy.com](mailto:customercare@lubriloy.com)

We also have over 50 technical sales representatives located across North America that are available for ongoing and immediate regional support.

## **STRATEGIC PRODUCT LINE**

Our product line was strategically developed to eliminate confusion and create consolidation of inventory – by stopping duplication. We offer interchange products for 95% of aerosols, greases and bulk oils – eliminating the need to carry excessive SKUs of similar products. At Lubri-Loy, we believe that other companies are marketing many different offerings that can all be used for the same application.

## **SINGLE SOURCE SUPPLY**

Our single-source inventory concept allows distributors and end users to use one supply partner to meet all of their lubrication needs – rather than purchasing excessive amounts of confusing and unused inventory.

## **REGULATIONS AND COMPLIANCE**

Many products and manufacturers require certification to ensure that the highest-quality standards and criteria are met for public safety and health reasons. This is most evident in the Food Processing Industry. By working directly with NSF International, we ensure that our products maintain the proper registration and seal of approval from this globally recognized agency. Please go to [www.nsf.org](http://www.nsf.org) to search our listings.

## **DEVELOPMENT AND TECHNOLOGY**

Our products offer the latest technology to the user. We are constantly looking for ways to improve our line of offerings and ensure that our customers receive the most technologically-advanced lubrication solutions.



**TABLE OF CONTENTS**

Food Grade H1 Aerosols and Spray Lubricants .....2

General Purpose Aerosols and Cleaners .....3-4

Food Grade H1 High Performance Grease, Gel and Paste.....5

High Performance Grease .....6-7

Bulk Fluids – Synthetic Gear, Mineral Gear and Hydraulic .....8

Bulk Fluids – Food Grade H1 Gear, Hydraulic and Synthetic .....9

Bulk Fluids – Compressor, Pump and Turbine .....10

Bulk Fluids – Air Line, Technical/Pharmaceutical Grade White Oils and Seamer Oil .....11

Bulk Fluids – Engineered Class Chain Oils and Release Agent .....12

Bulk Fluids – Automotive.....13

Bulk Fluids – Monograde Engine Oils and Tractor Fluids .....14

Synthetic PAG Gear Oils .....15

Biodegradable Products .....16-17

Specialty Products – Cutting Fluid and Way Lubricant .....18

Product Specifications .....19-24

Lubri-Loy Value Added Service Capabilities.....Inside Back Cover







## EXTREME PENETRATING OIL, CHAIN & CABLE FLUID

**Food Grade, H1**

This NSF-certified penetrating oil offers all the powerful benefits of our signature penetrating oil with the added advantage of being registered as Food Grade. Its ISO10 base fluid and additives make it a very effective chain and cable fluid.



H1, Registration No. 138771 Aerosol

H1, Registration No. 139610 Bulk

Catalog No.	Net Wt.
7011	11 oz. (312 g)
7641	5 gal. (18 L)
77041	55 gal. (208 L)



## IMPACT-FG

**Food Grade, H1**

This NSF-certified aerosol grease provides all the benefits of our IMPACT-FG grease but in a tenacious aerosol form. This high-temperature (-30°F - +350° F), high performance grease is wash-out resistant and leaves a thick, long-lasting coating of white lubrication.



H1, Registration No. 138908

Catalog No.	Net Wt.
9011	11 oz. (312 g)



## SUPER SILICONE WET MIST

**Food Grade, H1**

This NSF-certified dimethyl silicone spray offers a high delivery, water-like mist that leaves a long-lasting, odorless film. It is Food Grade and excellent for a wide variety of non-metal to metal applications in food processing facilities.



H1, Registration No. 138878

Catalog No.	Net Wt.
14019	9 oz. (255 g)



## SYNTHETIC SPRAY GREASE

**Food Grade, H1, Synthetic**

This NSF-certified synthetic PAO-based aerosol grease is specifically designed to meet the demands and needs of today's modern, food-processing facilities by offering extreme temperature capabilities from -40°F to + 435°F. Resistant to corrosion, oxidation and water wash out, this allows for longer lubrication cycles and equipment life.



H1, Registration No. 138909

Catalog No.	Net Wt.
9009	9 oz. (255 g)



## SUPER SILICONE DRY MIST

**Food Grade, H1**

This NSF-certified silicone release agent provides a superior, lubricating dry film void of residue that is suitable in a wide variety of maintenance applications where increased lubricity is required. It prevents rust with a thin layer of lubrication and is heat stable to +450°F under adverse conditions.



H1, Registration No. 138694

Catalog No.	Net Wt.
14014	9 oz. (255 g)





## EXTREME PENETRATING OIL, CHAIN & CABLE FLUID

This low-odor, superior penetrating oil is designed for a variety of situations - from the most common to the most difficult maintenance applications wherever lubrication is necessary. It provides extremely fast penetration, displaces moisture and leaves a protective coating that inhibits corrosion. It has a very high capillary action.

Catalog No.	Net Wt.
7004	4 oz. (113 g)
7012	11 oz. (311 g)
7640	5 gal. (18 L)
77040	55 gal. (208 L)



## BELT DRESSING Food Grade, H1, Synthetic

Synthetic Food Grade H1 Belt Dressing is a tacky, non-drying film that extends belt and pulley bearing life by reducing slippage, hardening, glazing, dirt build-up and friction. It will also improve operating efficiency by reducing belt tension on motors, shafts and wheels. It is water resistant and colorless and will not stain leather, rubber, canvas or fabric - and is suited for flat, round and v-belts on conveyor systems.



Registration Pending

Catalog No.	Net Wt.
8013	10 oz. (283 g)



## LUBRI-CLEAN TRI-FREE NON-CHLORINATED CLEANER AND DEGREASER

This industrial strength cleaner and degreaser is non-chlorinated and quick drying leaving no leftover residue. It is an excellent alternative to 1, 1, 1 and chlorinated solvent products. It will handle a wide range of cleaning and degreasing applications - including metal parts where there is residual grease and soil.

Catalog No.	Net Wt.
16020TF	14 oz. (397 g)



## LUBRI-CLEAN HIGH-PERFORMANCE, NON-FLAMMABLE CLEANER AND DEGREASER

This dynamic non-flammable cleaner and degreaser is industrially-rated and multi-dimensional providing an array of benefits all in one premium formula. It eliminates the need for numerous cleaning products by offering a diversified, all-in-one formulation that also performs as an electrical contact cleaner. It has high dielectric strength and is safe on most plastics.

Catalog No.	Net Wt.
16020	16 oz. (454 g)



### LUBRI-MOLY DRY FILM

This lubricant penetrates pores of substrates and bonds to surfaces for long-term lubrication. It provides a high-pressure, high-solids molybdenum disulfide coating and will withstand up to 50,000 psi. It was designed for assembly and run-in lubrication, automotive as well as industrial gaskets, sliding surfaces and gears, bearings, chain drives, intricate mechanisms, roller chains and conveyor belts wherever heat is present.

Catalog No.	Net Wt.
10018	12 oz. (340 g)



### LUBRI-GEL

#### Pressurized Penetrating Gel with PTFE

This high pressure penetrating lubricant dispenses like a penetrating oil but then quickly establishes a grease-like, tacky, tenacious coating to provide long-lasting protection and lubrication.

Catalog No.	Net Wt.
15016	11 oz. (312 g)





## LUBRI-SYN No.21, #2 Food Grade, H1, Synthetic

This NLGI #2, NSF-certified Food Grade grease maintains a wide operating temperature range with the ability, especially as it relates to colder temperatures, to withstand -80°F to 400°F. It is designed for a variety of food processing and machinery applications, including valves and bearings. It will resist mildew and fungal growth and contains excellent long life and antirust properties. It is highly resistant to washout.



H1, Registration No. 139231

Catalog No.	Net Wt.
LS-21014	14 oz. (397 g)
LS-21640	5 gal. (18 l)
LS-21192	120 lb. (54 kg)



## LUBRI-SEAL ASSEMBLY GEL Food Grade, H1, Synthetic

This synthetic assembly and lubricating gel is clear, tasteless and odorless. Temperature range of -20° F to +350° F, resistant to water washout, commercial detergents, CIP & COP solutions will remove it for a clean and sanitary surface. Will not dry out, gum on equipment, separate or bleed. Compatible with most O-rings, seals and elastomeric materials.



H1, Registration No. 139643

Catalog No.	Net Wt.
9004	4 oz. (113 g)



## ANTI-SEIZE STAINLESS STEEL PASTE Food Grade, H1

This H1-rated stainless steel paste, prevents galling, is metal free and designed for the assembly, repair and replacement process. It is a preventative maintenance tool with a high operating range of -40°F to +350° F. Brush-top packaged.



H1, Registration No. 142269

Catalog No.	Net Wt.
9008	8 oz. (226 g)

**For a variety of grease products, Lubri-Loy offers additional NLGI grades that are available on request.**



## IMPACT-FG CSC, #2 Food Grade, H1 Calcium Sulfonate Complex

This premium mineral-based calcium sulfonate complex grease NLGI #2 that is registered Food Grade H1. It excels in applications where resistance to water washout and broad operating temperatures are absolutely necessary. The formulation of this product provides resistance to corrosion, including salt spray. Impact FG-CSC also has exceptional mechanical stability even in the presence of water. It contains no heavy metals or other environmentally undesirable additives. It has a continuous operating range of +10°F to +300°F once in the application, with an intermittent temperature range of -5°F to +450°F.



H1, Registration No. 147161

Catalog No.	Net Wt.
9014CSC	14 oz. (397 g)
9640CSC	5 gal. (18 L)
9192CSC	120 lb. (54 kg)



## IMPACT-FG, #1 & #2 Food Grade, H1, Aluminum Complex

This NLGI #1 & #2, NSF-certified white grease is extremely water resistant with excellent adhesive strength to withstand frequent wash downs. It maintains antiwear characteristics with an outstanding H1-product operating temperature range of +10°F to +300°F, with an intermittent temperature range of -5°F to +450°F.



H1, Registration No. 147230, 141320

Catalog No.		Net Wt.
1014FG	#1	14 oz. (397 g)
1640FG	#1	5 gal. (18 L)
1192FG	#1	120 lb. (54 kg)
17040FG	#1	55 gal. (208 L)
9014	#2	14 oz. (397 g)
9640	#2	5 gal. (18 L)
9192	#2	120 lb. (54 kg)
97040	#2	55 gal. (208 L)



## LUBRI-SYN CLEAR, #2 Food Grade, H1, Synthetic Silica Gel

This Synthetic NLGI #2, NSF-certified Food Grade grease contains a non-melting thickener and will not washout. It is designed for bearings and slides. It has high-temperature capability range of -35°F to +375°F and provides corrosion protection for ferrous and non-ferrous metals. It has been fortified with anti-wear additives.



H1, Registration No. 141806

Catalog No.	Net Wt.
LS-21014C	14 oz. (397 g)
LS-21640C	5 gal. (18 L)
LS-21192C	120 lb. (54 kg)



## LUBRI-SYN ALC, #2 Food Grade, H1 Synthetic Aluminum Complex

This synthetic hydrocarbon based general purpose anti-wear Food Grade grease provides excellent antiwear resistance with an operating temperature range of -40°F to +350°F with an intermittent temperature range of -40°F to +500°F. Formulated with a water washout resistant aluminum complex thickener and additives, this grease makes an excellent choice for streamlining SKUs and protecting the integrity of your equipment.



H1, Registration No. 147155

Catalog No.	Net Wt.
9014SAC	14 oz. (397 g)



## LUBRI-LITH SYN M, #2 Synthetic Lithium Complex with Moly

This premium synthetic lithium complex with Moly NLGI #2 formulated in synthetic oils and fortified with finest quality molybdenum disulphide. This grease is also embodied with extreme pressure/anti-wear, anti-corrosion and anti-oxidant additives to enhance its performance for severe operating conditions. It will provide comparatively longer life than typical mineral oil based greases and will operate over a wide temperature range from -40°F to +390°F.

Catalog No.	Net Wt.
2014LSM	14 oz. (397 g)
2640LSM	5 gal. (18 L)
2192LSM	120 lb. (54 kg)







## LUBRI-POLY EP, #2 Polyurea-Based

This is a non-soap, polyurea-thickened grease formulated with high-quality raw materials. It provides excellent protection for electric motor bearings. It maintains an operating temperature range of 0°F to +350°F.

Catalog No.	Net Wt.
2014P	14 oz. (397 g)
2640P	5 gal. (18 L)
2192P	120 lb. (54 kg)



## IMPACT-G, #3 Synthetic Open Gear Lube

This synthetic PAO blend NLGI #3 is ideal for difficult situations including those requiring heavy duty and extreme tacky applications. This viscous lubricant film will not harden, chip or flake and will resist hard-pack buildup in the roots of the gear teeth or wire rope. Its extreme adhesive properties prevent slinging. It maintains an operating temperature range of +5°F to +400°F.

Catalog No.	Net Wt.
IG-011	11 oz. (311 g)
	Caulking Tube
IG-640	5 gal. (18 L)



## IMPACT, #2 Bentone Based with Moly

This bentone-based NLGI #2 extreme pressure, high temperature grease is a versatile, antiwear grease specifically designed for heavy duty equipment including a variety of bearings, motors, couplings and conveyors. It will not washout and maintains an operating temperature range of -40°F to +450°F.

Catalog No.	Net Wt.
2014	14 oz. (397 g)
2640	5 gal. (18 L)
2192	120 lb. (54 kg)
27040	55 gal. (208 L)



## LUBRI-LITH LG, #1 & #2 Red Premium Lithium Complex

This is a premium versatile tacky lithium complex grease with a wide operating temperature range of -20°F to +300°F, with an intermittent temperature range of -40°F to +450°F. It will maintain high film strength and exhibits excellent EP and anti-wear properties in a variety of applications.

Catalog No.		Net Wt.
1014L	#1	14 oz. (397 g)
1640L	#1	5 gal. (18 L)
1192L	#1	120 lb. (54 kg)
17040L	#1	55 gal. (208 L)
2014L	#2	14 oz. (397 g)
2640L	#2	5 gal. (18 L)
2192L	#2	120 lb. (54 kg)
27040L	#2	55 gal. (208 L)



## LUBRI-SYN No.9, #2 Synthetic Hydrocarbon Grease

This is a multi-purpose, NLGI #2 synthetic grease with a wide operating temperature from -80°F to 400°F. It has excellent wear and anti-seize properties, and long life. It is highly recommended for roller chains, gears, bearing and cables and is able to operate in wet environments.

Catalog No.	Net Wt.
LS-9014	13.5 oz. (382 g)



## INDUSTRIAL EP GEAR OIL

### Mineral, (ISOs 100, 150, 220, 320, 460, 680)

EP Gear Oils 100 through 680 have excellent oxidation and thermal stability allowing them to resist thickening produced by high temperatures. Non-corrosive to gear and bearing materials such as steel, copper, bronze, Babbitt, and cadmium-nickel; these oils provide superior foam resistance and water separation. The low pour points of the lower viscosity grades make them suitable for gears and bearings exposed to winter weather. EP Gear Oils excel in the lubrication of heavily loaded enclosed gear drives and reducers on drives of all sizes. EP Gear Oils lubricate a variety of gears including spur, bevel, helical, herringbone, and worm designs.

Catalog No.	Net Wt.
GO-100-640	5 gal. (18 L)
GO-100	55 gal. (208 L)
GO-150-640	5 gal. (18 L)
GO-150	55 gal. (208 L)
GO-220-640	5 gal. (18 L)
GO-220	55 gal. (208 L)
GO-320-640	5 gal. (18 L)
GO-320	55 gal. (208 L)
GO-460-640	5 gal. (18 L)
GO-460	55 gal. (208 L)
GO-680-640	5 gal. (18 L)
GO-680	55 gal. (208 L)

## INDUSTRIAL EP GEAR OIL

### Synthetic

### (ISOs 100, 150, 220, 320, 460, 680)

These Synthetic Extreme Pressure (EP) Industrial Gear Oils are for use in enclosed spur, bevel, herringbone, helical, and chain drive gear boxes and other applications that require an AGMA EP or AGMA S gear oil. They are formulated to outperform petroleum EP gear oils and provide excellent gear and bearing protection in extreme hot and cold temperatures as well as heavily loaded environments.

Catalog No.	Net Wt.
GOS-100-640	5 gal. (18 L)
GOS-100	55 gal. (208 L)
GOS-150-640	5 gal. (18 L)
GOS-150	55 gal. (208 L)
GOS-220-640	5 gal. (18 L)
GOS-220	55 gal. (208 L)
GOS-320-640	5 gal. (18 L)
GOS-320	55 gal. (208 L)
GOS-460-640	5 gal. (18 L)
GOS-460	55 gal. (208 L)
GOS-680-640	5 gal. (18 L)
GOS-680	55 gal. (208 L)



## AW HYDRAULIC FLUID

### Mineral, (ISOs 15, 22, 32, 46, 68, 100, 150)

AW Hydraulic Fluids are superior, anti-wear hydraulic and circulating fluids specially formulated with high quality base stocks and improved thermally stable high zinc additives. These oils offer outstanding resistance to sludge formation, are chemically stable, and exhibit excellent anti-wear properties. They also contain anti-foam agents to limit air entrainment in hydraulic systems, and demulsifiers to separate water from the oil in the sump.

Catalog No.	Net Wt.
HFAW-015-640	5 gal. (18 L)
HFAW-015	55 gal. (208 L)
HFAW-022-640	5 gal. (18 L)
HFAW-022	55 gal. (208 L)
HFAW-032-640	5 gal. (18 L)
HFAW-032	55 gal. (208 L)
HFAW-032B-275	275 gal. (1041 L)
HFAW-032B-330	330 gal. (1249 L)
HFAW-046-640	5 gal. (18 L)
HFAW-046	55 gal. (208 L)
HFAW-046B-275	275 gal. (1041 L)
HFAW-046B-330	330 gal. (1249 L)
HFAW-046-B	BULK
HFAW-068-640	5 gal. (18 L)
HFAW-068	55 gal. (208 L)
HFAW-068B-275	275 gal. (1041 L)
HFAW-068B-330	330 gal. (1249 L)
HFAW-100-640	5 gal. (18 L)
HFAW-100	55 gal. (208 L)
HFAW-150-640	5 gal. (18 L)
HFAW-150	55 gal. (208 L)

## AW HYDRAULIC FLUID

### Synthetic

### (ISOs 32, 46, 68)

AW Synthetic Hydraulic Fluids are superior anti-wear hydraulic and circulating fluids specially formulated with high quality synthetic base stocks and thermally stable zinc anti-wear additives. These oils offer outstanding resistance to sludge formation, are chemically stable, and exhibit excellent anti-wear properties. They also contain anti-foam agents to limit air entrainment in hydraulic systems, and demulsifiers to separate water from the oil in the sump pump. These fluids are recommended for service in vane, piston, and gear pumps when used according to the manufacturers' recommendations. The oils provide maximum service life to these pumps as well as other system components.

Catalog No.	Net Wt.
HFAWS-032-640	5 gal. (18 L)
HFAWS-032	55 gal. (208 L)
HFAWS-046-640	5 gal. (18 L)
HFAWS-046	55 gal. (208 L)
HFAWS-068-640	5 gal. (18 L)
HFAWS-068	55 gal. (208 L)



**GEAR OIL**  
**Food Grade, H1, Mineral**  
**(ISOs 68, 150, 220, 320, 460)**

These NSF-certified, H1 gear oils feature extreme pressure additives and antifoam agents to reduce gear damage due to air entrainment. Oxidation and stability tests show greater than 8000 hours to 2.0 Acid Number. All grades pass ASTM D-665A Water Rust Test and ASTM D-665B Synthetic Sea Water Rust Test.



H1, Registration No. ISO150 -142245, ISO220 -140213, ISO320 -142246, ISO460 -142247

Catalog No.	Net Wt.
GOH1-068-640	5 gal. (18 L)
GOH1-068	55 gal. (208 L)
GOH1-150-640	5 gal. (18 L)
GOH1-150	55 gal. (208 L)
GOH1-220-640	5 gal. (18 L)
GOH1-220	55 gal. (208 L)
GOH1-320-640	5 gal. (18 L)
GOH1-320	55 gal. (208 L)
GOH1-460-640	5 gal. (18 L)
GOH1-460	55 gal. (208 L)

**HYDRAULIC FLUID**  
**Food Grade, H1, Mineral**  
**(ISOs 22, 32, 46, 68, 100)**

These NSF-certified, H1 hydraulic fluids are designed for use in most piston, vane and gear pumps of hydraulic, bearing and circulating systems. It is colorless and odorless. Oxidation and stability tests show greater than 8000 hours to 2.0 Acid Number. All grades pass ASTM D-665A Water Rust Test and ASTM D-665B Synthetic Sea Water Rust Test.



H1, Registration No. ISO32 -140105, ISO46 -139414, ISO68 -139413, ISO100 -139412

Catalog No.	Net Wt.
HFH1-022-640	5 gal. (18 L)
HFH1-022	55 gal. (208 L)
HFH1-032-640	5 gal. (18 L)
HFH1-032	55 gal. (208 L)
HFH1-046-640	5 gal. (18 L)
HFH1-046	55 gal. (208 L)
HFH1-068-640	5 gal. (18 L)
HFH1-068	55 gal. (208 L)
HFH1-100-640	5 gal. (18 L)
HFH1-100	55 gal. (208 L)

**HYDRAULIC FLUID**  
**Food Grade, H1, Synthetic**  
**(ISOs 22, 32, 46, 68, 100)**

These NSF-certified H1 synthetic, Food Grade anti-wear oils have been formulated to meet a variety of demanding applications where it may be required or specified to use a synthetic in place of a standard white mineral oil-based product. These polyalphaolefin (PAO) based synthetics may be recommended for rotary screw, rotary vane and reciprocating air compressors. They are excellent lubricants for hydraulic systems, pumps, motors, bearings, chains and airline lubricators. These fluids are all clean, zinc-free and offer exceptional water-separation characteristics – and will ensure stability over a longer service life. All viscosity grades are appropriate for use in facilities where incidental contact with the edible product may occur.



H1 Registration No. ISO32 -143321, ISO46 -143322, ISO68 -143323, ISO100 -143324

Catalog No.	Net Wt.
HFSH1-022-640	5 gal. (18 L)
HFSH1-022	55 gal. (208 L)
HFSH1-032-640	5 gal. (18 L)
HFSH1-032	55 gal. (208 L)
HFSH1-046-640	5 gal. (18 L)
HFSH1-046	55 gal. (208 L)
HFSH1-068-640	5 gal. (18 L)
HFSH1-068	55 gal. (208 L)
HFSH1-100-640	5 gal. (18 L)
HFSH1-100	55 gal. (208 L)

**GEAR OIL**  
**Food Grade, H1, Synthetic**  
**(ISOs 150, 220, 320, 460)**

These NSF-certified H1 synthetic, Food Grade gear oils have been formulated to meet a variety of demanding applications where it may be required or specified to use a synthetic in place of a standard white mineral oil-based product. These polyalphaolefin (PAO) based synthetics are ideal oils for applications in which the gear lubricant is subject to extreme temperature, high stress conditions and may require an extended drain interval. These fluids are all clean, zinc-free and offer exceptional water-separation characteristics – and will ensure stability over a longer service life. All viscosity grades are appropriate for use in facilities where incidental contact with the edible product may occur.



H1 Registration ISO150 -143325, ISO220 -143326, ISO320 -143327, ISO460 -143328

Catalog No.	Net Wt.
GOSH1-150-640	5 gal. (18 L)
GOSH1-150	55 gal. (208 L)
GOSH1-220-640	5 gal. (18 L)
GOSH1-220	55 gal. (208 L)
GOSH1-320-640	5 gal. (18 L)
GOSH1-320	55 gal. (208 L)
GOSH1-460-640	5 gal. (18 L)
GOSH1-460	55 gal. (208 L)
GOSH1-680-640	5 gal. (18 L)
GOSH1-680	55 gal. (208 L)



### RECIPROCATING COMPRESSOR OIL, 4,000 HOUR

#### Mineral

(ISOs 32, 46, 68, 100, 220, 320)

These are high quality oils designed to meet the requirements of air- and water-cooled industrial reciprocating compressors, for both crankcase and cylinder lubrication.

Lubri-Loy oils provide the proper lubrication these types of compressors require for optimum performance. It also guards against carbon deposits which can lead to sticky valves, compression leaks and excessive operating temperatures.

- Specifically designed for reciprocating compressors
- Resistant to carbon build up in channel valves and cylinders
- Protects against wear and piston scuffing
- Excellent thermal stability, low volatility
- Resistant to high temperature oxidation, varnish and sludge
- Reduces power consumption/operating costs

Catalog No.	Net Wt.
COM-032-640	5 gal. (18 L)
COM-032	55 gal. (208 L)
COM-046-640	5 gal. (18 L)
COM-046	55 gal. (208 L)
COM-068-640	5 gal. (18 L)
COM-068	55 gal. (208 L)
COM-100-640	5 gal. (18 L)
COM-100	55 gal. (208 L)
COM-220-640	5 gal. (18 L)
COM-220	55 gal. (208 L)
COM-320-640	5 gal. (18 L)
COM-320	55 gal. (208 L)

### ROTARY SYNTHETIC COMPRESSOR OIL 8,000 HOUR

(ISOs 32, 46, 68, 100, 150)

These high quality synthetic compressor oils are non-detergent products fortified with ashless anti-wear additives. They are formulated to outperform petroleum-based compressor oils. They are non-foaming and rapidly separate from water. Use the appropriate viscosity grade of product in single and multi-stage rotary screw, vane, reciprocating compressor crankcases and cylinders, vacuum pumps and other compressor applications. It will extend drain intervals and is non-corrosive to yellow metals.

Catalog No.	Net Wt.
COS-032-640	5 gal. (18 L)
COS-032	55 gal. (208 L)
COS-046-640	5 gal. (18 L)
COS-046	55 gal. (208 L)
COS-068-640	5 gal. (18 L)
COS-068	55 gal. (208 L)
COS-100-640	5 gal. (18 L)
COS-100	55 gal. (208 L)
COS-150-640	5 gal. (18 L)
COS-150	55 gal. (208 L)



### PREMIUM TURBINE AND CIRCULATION OIL

#### Mineral

(ISOs 32, 46, 68, 100, 150, 220)

Lubri-Loy Turbine Oils are formulated with rust and oxidation inhibitors for the use in hydraulic systems calling for a non-AW fluid, turbines, and as a general bearing lubricant. These oils are made from selected high viscosity index paraffinic base stocks and premium quality additives to give outstanding performance.

The base oil's high viscosity index imparts superior temperature-viscosity characteristics. Long service life in closed circulation systems is assured by low carbon forming tendency and excellent resistance to oxidation, rust and foaming. The versatility of the Turbine Oils makes them suitable for a wide variety of applications in the industrial field. They give excellent service in a wide range of chain and enclosed gear drives, turbines and are recommended in hydraulic systems where a high quality non-AW hydraulic fluid is specified, including heat transfer applications.

Turbine Oils are also suitable for use in the circulating systems of a large variety of industrial machinery, and for the lubrication of electric motors and turbo-generators where R&O hydraulic oil is recommended.

These lubricants do not contain anti-wear additives, and should not be used where an anti-wear hydraulic fluid is required. They are zinc-free, allowing them to be used in systems containing silver bearings, or otherwise requiring zinc-free oil.

Catalog No.	Net Wt.
TO-032-640	5 gal. (18 L)
TO-032	55 gal. (208 L)
TO-046-640	5 gal. (18 L)
TO-046	55 gal. (208 L)
TO-068-640	5 gal. (18 L)
TO-068	55 gal. (208 L)
TO-100-640	5 gal. (18 L)
TO-100	55 gal. (208 L)
TO-150-640	5 gal. (18 L)
TO-150	55 gal. (208 L)
TO-220-640	5 gal. (18 L)
TO-220	55 gal. (208 L)



## PREMIUM AIR LINE LUBRICANT Food Grade, H1, Mineral

This NSF-certified, H1 air line lubricant is a light viscosity, corrosion-resistant mineral lubricant. It is ideal where water vapor is present and the emulsification of the lubricant is not acceptable. Designed for compressed air systems, coat the system and prevent the re-formation of harmful deposits.



H1, Registration No. 140105

Catalog No.	Net Wt.
17641M	5 gal. (18 L)
177041M	55 gal. (208 L)

## PREMIUM AIR LINE LUBRICANT, Food Grade, H1, Synthetic

This NSF-certified, H1 air line lubricant is a light viscosity, corrosion-resistant synthetic lubricant with a wide temperature range from -80°F to +400°F. It is highly resistant to water washout and ideal where water vapor is present and the emulsification of the lubricant is not acceptable. Designed for compressed air systems, it will dissolve gum build up, coat the system and prevent the re-formation of harmful deposits. This lubricant should be used where a synthetic is required.



H1, Registration No. 139230

Catalog No.	Net Wt.
17032	1 qt. (.94L)
17641	5 gal. (18 L)
177041	55 gal. (208 L)

## TECHNICAL GRADE Food Grade, H1, White Mineral Oil (ISOs 15, 22, 32, 46, 68, 100)

This is a highly-refined, non-polar hydrocarbon that is odorless, tasteless and colorless. It can be used as a lubricant, plasticizer, defoamer, rust preventive and dust control agent in the manufacturing of food products, food handling equipment and food packaging material. It can also be used in the flush segment of an operation.



H1, Registration No. ISO15 -147162, ISO22 -147210, ISO46 - 147211, ISO68 -147212, ISO100 -147209

Catalog No.	Net Wt.
WMO-015-128	1 gal. (4 L)
WMO-015-640	5 gal. (18 L)
WMO-015	55 gal. (208 L)
WMO-015B-275	275 gal. (1041 L)
WMO-022-640	5 gal. (18 L)
WMO-022	55 gal. (208 L)
WMO-022B-330	330 gal. (1249 L)
WMO-032-640	5 gal. (18 L)
WMO-032	55 gal. (208 L)
WMO-046-640	5 gal. (18 L)
WMO-046	55 gal. (208 L)
WMO-068-640	5 gal. (18 L)
WMO-068	55 gal. (208 L)
WMO-100-640	5 gal. (18 L)
WMO-100	55 gal. (208 L)

## PREMIUM AIR LINE LUBRICANT Mineral

This high quality mineral based lubricant has been formulated for the most demanding air tool and line applications. It will provide emulsification of the moisture in the compressed air to prevent rust. It will help prevent seizure and wear – and will resist oxidation to prevent lost time due to gumming and varnishing. The thin viscosity of the oil helps ensure fluidity in extreme temperature environments.

This lubricant should be used where H1 Food Grade is not required.

Catalog No.	Net Wt.
PAL-032-640	5 gal. (18 L)
PAL-032	55 gal. (208 L)

## PREMIUM PHARMACEUTICAL WHITE MINERAL OIL, USP/NF GRADE, H1 3H

**Food Grade, H1 3H  
(ISOs 15, 68, Others By Request)**

Lubri-Loy Premium Pharmaceutical White Mineral Oil series are highly-refined, non-polar hydrocarbons. They are odorless, tasteless and colorless. In addition to the wide range of viscosities and pour points of our standard products, Lubri-Loy offers custom blends upon request to meet our customers' needs. Lubri-Loy NF and USP Grade Premium white Mineral Oils meet FDA 21 CFR 172.878, 178.3620 and 573.680 requirements.



H1, 3H Registration No. 147203

Catalog No.	Net Wt.
PWMO-015-640	5 gal. (18 L)
PWMO-015	55 gal. (208 L)
PWMO-068-640	5 gal. (18 L)
PWMO-068	55 gal. (208 L)

## PREMIUM SYNTHETIC SEAMER FLUID Food Grade, H1, Synthetic (ISO 150)

Specifically engineered for industrial-level seaming and canning equipment, Lubri-Loy's Food Grade H1 Synthetic Seamer Fluid is formulated with high quality polyalphaolefin (PAO) base stocks and enhanced with the most modern, state-of-the-art Food Grade additive systems available. This product is designed to operate in extreme environmental conditions such as very low or very high temperatures, extended drain intervals and still provide confidence that your critical processing equipment will operate at maximum efficiency. This oil has been engineered to withstand water wash downs as well as acidic and high-steam environments. It will also provide excellent anti-wear protection, oxidation stability, low-foam properties and rust protection in can seaming applications.



H1, Registration No. 147164

Catalog No.	Net Wt.
SOSH1-150-640	5 gal. (18 L)
SOSH1-150	55 gal. (208 L)



**ENGINEERED CLASS WHITE GRAPHITE HIGH TEMP CHAIN FLUID, Food Grade, H1, Synthetic (ISO 220)**

This is a Food Grade polyalkylene glycol based synthetic chain oil fortified with suspended solid white-graphite that is designed for use on chains where excellent thermal stability and reduced deposits formation is desired. The fully synthetic based carrier minimizes carbon build-up on chains contributed by mineral petroleum/vegetable carriers and will cleanly evaporate after 520°F while the solid White-Graphite™ film provides extended lubrication intervals for temperatures up to 1200°F (650°C).



H1, Registration No. 147163

Catalog No.	Net Wt.
WGH1-220-640	5 gal. (18 L)
WGH1-220	55 gal. (208 L)

**ENGINEERED CLASS PROOFER CHAIN OIL****Food Grade, H1, (ISO 100 COT) Extra Tacky**

The components of this lubricant meet the NSF requirements as an H1 lubricant for use in bakery facilities. This lubricant is specifically formulated for lubrication in extreme-humidity environments. It is specifically formulated to provide high performance lubrication on chains and other food processing equipment. It is a highly tacky proofer chain lubricant.



Meets H1 requirements – Registration pending

Catalog No.	Net Wt.
177040	55 gal. (208 L)

**ENGINEERED CLASS EXTREME LOW TEMPERATURE CHAIN FLUID, Food Grade, H1, Synthetic (ISO 32)**

This is a fully synthetic Polyalphaolefin (PAO) based and most commonly used in Spiral Freezer chain and conveyor applications. It possesses excellent rust, corrosion and oxidative properties and has been formulated to meet extremely high and low temperature requirements. This product has an operating temperature range of -40°F to 300°F.



Meets H1 requirements – Registration pending

Catalog No.	Net Wt.
SCFH1-032	55 gal. (208 L)
SCFH1-032-640	5 gal. (18 L)

**ENGINEERED CLASS PACKER CHAIN OIL,****Food Grade, H1, (ISOs 320 COT, 460)**

This NSF-certified, H1 white-mineral oil based lubricant provides extraordinary coating and penetrating ability to resist wear. It performs well in extreme temperature environments. It is highly stable and works well in a wash-down operation. Our 320 COT version offers extra-tackiness.



H1, Registration No. ISO460 - 139411  
ISO320 COT Meets H1 Req. - Registration pending

Catalog No.	Net Wt.
177043	55 gal. (208 L)
177042	55 gal. (208 L)

**ENGINEERED CLASS HIGH TEMPERATURE OVEN CHAIN LUBRICANT, Food Grade, H1, Synthetic**

**(ISO 220 – 68, 100, 150, 320 available on request)**

This is a Food Grade synthetic ester-based high temperature oven lubricant. Food Grade H1 lubricants are a revolutionary development in the area of Food Grade oven chain lubrication. These clean, non-toxic lubricants afford the utmost in protection of the critical pin/ bushing of traditional chains and provide excellent lubrication for the roller bearings of more modern oven chains. Their clean performance provides lower energy consumption and extends chain life significantly. These lubricants are optimized to provide clean, smoke free operation and significantly reduce deposits while reducing consumption with their excellent evaporation resistance properties. Operating temperatures can fluctuate but are generally between 500°F to 600°F.



Meets H1 requirements – Registration pending

Catalog No.	Net Wt.
SFGHT-220-640	5 gal. (18 L)
SFGHT-220	55 gal. (208 L)

**ENGINEERED CLASS HIGH TEMPERATURE CHAIN FLUID, H2 High Temperature Synthetic Ester Lubricant**

This is a premium high temperature synthetic ester lubricant formulated for conveyor roller ball bearing chains, pin and roller chains, slides and gears that operate in high temperature oven environments. It has a high flashpoint of 587°F. Provides outstanding metal wear resistance, rust protection and excellent high temperature corrosion-oxidation stability which minimize carbon and varnish deposits. It has established several OEM approvals and credible testimonies from bakeries and other industries worldwide. Depending upon the type of OEM oven as well as length and type of chain, operating temperatures can fluctuate but are generally between 500°F to 600°F.

Catalog No.	Net Wt.
1776640	5 gal. (18 L)
177046	55 gal. (208 L)

**SUPER SILICONE RELEASE AGENT**

This water-based Silicone lubricating agent rapidly amplifies reduction of friction while providing a non-drying long lasting film. Colorless, Odorless, Non-Staining and Non-Corrosive Super Silicone Release Agent provides non-volatile maximum-release lubricity.

Catalog No.	Net Wt.
147040	55 gal. (208 L)



## **AUTOMATIC TRANSMISSION FLUID, DEXRON® III, MINERAL & SYNTHETIC**

Lubri-Loy's Automatic Transmission Fluid MERCON®/DEXRON® III is formulated from select highly refined base oils blended with a specially balanced additive combination. This product has outstanding high temperature oxidation resistance, dispersancy and detergency; offers excellent protection against corrosion, wear and rust; and is compatible with the various automatic transmission components such as elastomeric seals and plastic parts. In addition, its high viscosity index permits use over a wide temperature range by providing excellent low temperature fluidity and at the same time retaining the desired viscosity at high temperatures.

It contains special friction modifiers that provide the smooth lock-ups required by the DEXRON® III and MERCON® specifications. Lubri-Loy's Automatic Transmission Fluid MERCON®/DEXRON® III meets all requirements of the Ford MERCON® specifications and is licensed to use the MERCON® trademark, Ford approval number M050615. It also meets all requirements of the GM DEXRON® III.

<b>Catalog No.</b>	<b>Net Wt.</b>
TF-D3-640 (Trans Fluid DIII)	5 gal. (18 L)
TF-D3 (Trans Fluid DIII)	55 gal. (208 L)
TFS-D3-640 (Trans Fluid DIII Syn)	5 gal. (18 L)
TFS-D3 (Trans Fluid DIII Syn)	55 gal. (208 L)

## **AUTOMOTIVE GEAR OIL, MINERAL AND SYNTHETIC GL-4 AND 5**

Multipurpose Gear Oils, both mineral and synthetic, are used for the lubrication of gears operated under severe conditions, including automotive applications. High quality HVI base stocks blended with a sulfur-phosphorous extreme pressure additive package provide superior performance including anti-weld, anti-scuff, and anti-wear properties.

Multipurpose Gear Oils are available in GL-5 performance levels.

The GL-5 Multipurpose Gear Oils have multi-grade characteristics and are recommended for hypoid gears in moderate and severe service, including shock-loading, and some manual transmissions. GL-5 Gear Oils meet MIL-L-2105D, Mack GO-J, Rockwell 0-76-D (80W-90) and 0-76-D (85W-140) specifications.

<b>Catalog No.</b>	<b>Net Wt.</b>
AGO-8W9-640 (80W90)	5 gal. (18 L)
AGO-8W9 (80W90)	55 gal. (208 L)
AGOS-8W9-640 (80W90Syn)	5 gal. (18 L)
AGOS-8W9 (80W90Syn)	55 gal. (208 L)
AGO-8W140-640 (85W140)	5 gal. (18 L)
AGO-8W140 (85W140)	55 gal. (208 L)
AGOS-8W140-640 (85W140Syn)	5 gal. (18 L)
AGOS-8W140 (85W140Syn)	55 gal. (208 L)



## **AUTOMOTIVE ENGINE OIL, MINERAL**

Lubri-Loy engine oils are designed with premium performance additive packages and blended with ultra high quality hydro-treated base stocks yielding outstanding engine protection and performance.

Lubri-Loy oils carry the API Service Symbol SN. The API donut is a sign that the oil has undergone the same engine qualification testing as the major oil brands. Furthermore, all oils licensed by the API undergo yearly independent testing ensuring the licensing requirements are met.

Grade 10W-30 meets all American and most Japanese automakers' warranty requirements for new cars. Additionally, all grades meet obsolete gasoline Service Categories (SA, SB, SH, SL).

<b>Catalog No.</b>	<b>Net Wt.</b>
AE0-10W3-640 (10W30)	5 gal. (18 L)
AE0-10W3 (10W30)	55 gal. (208 L)
AE0-15W4-640 (15W40)	5 gal. (18 L)
AE0-15W4 (15W40)	55 gal. (208 L)
AE0-10W4-640 (10W40)	5 gal. (18 L)
AE0-10W4 (10W40)	55 gal. (208 L)
AE0-5W3-640 (5W30)	5 gal. (18 L)
AE0-5W3 (5W30)	55 gal. (208 L)

## **AUTOMOTIVE ENGINE OIL, SYNTHETIC**

Lubri-Loy Synthetic Automotive Engine Oil is specially formulated and suitable for use in gasoline & diesel European engines. Lubri-Loy Synthetic Oil is designed for extended drain intervals as suggested by European automobile manufactures. Additionally, it is important to always follow manufacturer recommendations and specifications.

Lubri-Loy Synthetic Oil provides all season performance and superior wear protection in all climates. Some grades are approved for turbo charged engines.

<b>Catalog No.</b>	<b>Net Wt.</b>
AEOS-10W3-640 (10W30Syn)	5 gal. (18 L)
AEOS-10W3 (10W30Syn)	55 gal. (208 L)
AEOS-15W4-640 (15W40Syn)	5 gal. (18 L)
AEOS-15W4 (15W40Syn)	55 gal. (208 L)
AEOS-10W4-640 (10W40Syn)	5 gal. (18 L)
AEOS-10W4 (10W40Syn)	55 gal. (208 L)
AEOS-5W3-640 (5W30Syn)	5 gal. (18 L)
AEOS-5W3 (5W30Syn)	55 gal. (208 L)

### MONOGRADE ENGINE OILS - DIESEL

These oils are for use in diesel engines under service conditions from mild to heavy duty with fuel of any sulfur level. These oils are recommended for use in nearly all two- and four-cycle diesel applications. The current formulations meet all API Service Classifications up to CI-4 and also meet the requirements of the military specifications MIL-L-2104F and MIL-L-2104G. They are suitable where Allison C-4 or Caterpillar TO-2 fluids are specified; in addition they meet the Caterpillar ECF-1 specification.

These oils should not be used in Caterpillar TO-4 applications, two-cycle gasoline engines, aircraft engines, or EMD Diesel engines.

#### 10W ENGINE OIL

Catalog No's. 10W	Net Wt.
AEO-10-640	5 gal. (18 L)
AEO-10	55 gal. (208 L)

#### 20W ENGINE OIL

Catalog No's 20W.	Net Wt.
AEO-20-640	5 gal. (18 L)
AEO-20	55 gal. (208 L)

#### 30W ENGINE OIL

Catalog No.	Net Wt.
AEO-30-640	5 gal. (18 L)
AEO-30	55 gal. (208 L)

#### 40W ENGINE OIL

Catalog No.	Net Wt.
AEO-40-640	5 gal. (18 L)
AEO-40	55 gal. (208 L)

### TRANSMISSION DRIVE FLUID (SAE 10, 30, 50)

Transmission Drive Fluids are formulated to meet the Caterpillar TO-4 transmission specification. These fluids provide smooth power transfer in the extreme operating conditions of modern heavy duty equipment. These fluids do not contain VI improvers or friction modifiers and are available in SAE 10, 30 and 50 monogrades. They meet the obsolete Cat TO-2 specifications and the 10 and 30 grades can be used in Allison C-4 applications. Other manufacturers using a TO-4 type fluid are Eaton Powershift, Komatsu-Dresser, and Terex.

Catalog No.	Net Wt.
TDF4-10-640	5 gal. (18 L)
TDF4-10	55 gal. (208 L)
TDF4-30-640	5 gal. (18 L)
TDF4-30	55 gal. (208 L)
TDF4-50-640	5 gal. (18 L)
TDF4-50	55 gal. (208 L)

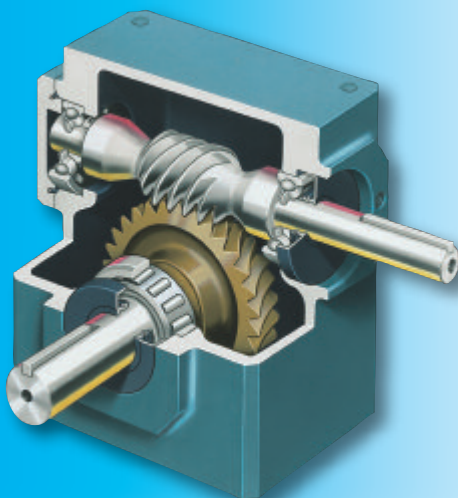
### UNIVERSAL TRACTOR / HYDRAULIC FLUID, J20C

Lubri-Loy Universal Tractor / Hydraulic Fluid, J20C fulfills the torque transfer, hydraulic, and power transmission requirements of farm tractors and implements. Specifically, it has been tailored to:

- Lubricate the transmission, differential and final drive gears
- Act as a power steering, power brake, power take-off, hydraulic, and implement drive fluid
- Provide a medium with the correct friction and heat transfer properties for proper operation of the tractor wet brakes and power take-off units. Universal Tractor / Hydraulic Fluid, J20C is an outstanding product for tractor lubrication. Its superior extreme pressure and anti-wear performance protects tractor transmissions, axles, and hydraulic pumps. The frictional characteristics of the fluid minimize "chatter" while enabling the proper operation of wet brakes. These characteristics provide smooth engagement of the power take-off clutch. Universal Tractor / Hydraulic Fluid, J20C provides excellent rust and corrosion protection and good oxidation stability for high temperature service. Universal Tractor / Hydraulic Fluid, J20C is a SAE Viscosity grade 10W-30, meets API Service SF/CC, and API GL-4 gear oil specifications. Universal Tractor / Hydraulic Fluid, J20C should not be used where a Caterpillar TO-4 fluid is required.

Catalog No.	Net Wt.
UTHF-J20C-640	5 gal. (18 L)
UTHF-J20C	55 gal. (208 L)





### SYNTHETIC PAG GEAR OIL (ISOs 220, 320, 460, 680)

Lubri-Loy PAG series are polyglycol based gear lubricants formulated for use in enclosed gear systems operating where conditions demand the unique properties of these fluids. These oils have excellent wear protection, thermal and oxidation stability. Reduces sludge and deposit formation to insure enhanced performance when compared with petroleum-based lubricants. Tough EP properties to protect metal from seizure and wear. Extremely good low and high temperature properties. These lubricants are incompatible with other oils. These fully synthetic polyglycol lubricants are intended for industrial use where incidental contact with food does not occur.

Catalog No.	Net Wt.
PAG-220-640	5 gal. (18 L)
PAG-220	55 gal. (208 L)
PAG-320-640	5 gal. (18 L)
PAG-320	55 gal. (208 L)
PAG-460-640	5 gal. (18 L)
PAG-460	55 gal. (208 L)
PAG-680-640	5 gal. (18 L)
PAG-680	55 gal. (208 L)



### SYNTHETIC PAG GEAR OIL Food Grade, H1 (ISOs 150, 220, 320, 460, 680)

Lubri-Loy Synthetic PAG Gear Oil, Food Grade H1 oils are polyglycol based gear lubricants formulated for use in enclosed gear systems operating where conditions demand the unique properties of these fluids. These oils have excellent wear protection, thermal and oxidation stability. Reduces sludge and deposit formation to insure enhanced performance when compared with petroleum-based lubricants. Tough EP properties to protect metal from seizure and wear. Extremely good low and high temperature properties. These lubricants are incompatible with other oils. These fully synthetic polyglycol lubricants comply with the requirements of F.D.A 21 CFR 177.3570. Use these lubricants where there is the potential for incidental contact with food or food packaging.



H1, Registration No. ISO220 -147205, ISO320 - 147206, ISO460 - 147207, ISO680 - 147208

Catalog No.	Net Wt.
PAGFG-150-640	5 gal. (18 L)
PAGFG-150	55 gal. (208 L)
PAGFG-220-640	5 gal. (18 L)
PAGFG-220	55 gal. (208 L)
PAGFG-320-640	5 gal. (18 L)
PAGFG-320	55 gal. (208 L)
PAGFG-460-640	5 gal. (18 L)
PAGFG-460	55 gal. (208 L)
PAGFG-680-640	5 gal. (18 L)
PAGFG-680	55 gal. (208 L)

**PolyAlphaOlefin oils - or PAO oils** - can be described as 'mineral synthetic oils' because of their identical structure to traditional mineral oils, the only difference being that they are formulated from monomers. PAO oils can be used in extreme conditions, thanks to their low pour points and excellent thermal stability. PAOs are easy to replace and can be mixed with other mineral oils, while PAGs are not.

**PolyAlkyleneGlycol oils - or PAG oils** - are mainly used in copper-less systems because of their tendency to absorb water and their incompatibility with copper. PAG as a glycol is an alcohol and it is hydrophilic (combines easily with water). In that regard, it will never demulsify like PAOs (hydrophobic). Use PAGs only in applications where temperature conditions exceed the area of PAOs, that is 240°F to 400°F (130°C to 180°C). PAGs leave less residue when they evaporate at high temperature. If an application problem deals with heat and water, apply ester based gear oils that are resistant to heat and demulsify very well. For example, polyglycols can be mixed with graphite for lubrication of 2,000°F (1,093°C) refractory kiln bearings. The polyglycol products of degradation flash off or burn clean leaving the solid lubricant without any tar deposits. This is an ideal lubricant for bronze worm gears.

**PolyOlester oils - or POE oils** - are excellent lubricants and more stable than PAG types when in the presence of water. Organic esters, diesters and polyolesters (POE), are being used for many industrial applications. Most additives are readily soluble in organic esters. This characteristic provides flexibility in formulating lubricants, both % organic esters and organic esters combined with other synthetics.





## BIODEGRADABLE AW HYDRAULIC FLUID

(ISOs 32, 46, 68)

Lubri-Loy Biodegradable Anti-Wear Hydraulic Fluids are formulated from readily biodegradable renewable resources, high lubricity base oils coupled with proprietary nontoxic anti-wear and anticorrosion additives. These high performance products can reduce operating temperatures, friction, and component wear in mobile and industrial hydraulic systems. Excellent thermal and oxidative stability assure superior service life with minimal viscosity change over a broad range of operating temperatures. These oils are suitable for use in ecologically sensitive applications.

Catalog No.	Net Wt.
HFB-032-640	5 gal. (18 L)
HFB-032	55 gal. (208 L)
HFB-046-640	5 gal. (18 L)
HFB-046	55 gal. (208 L)
HFB-068-640	5 gal. (18 L)
HFB-068	55 gal. (208 L)

## BIODEGRADABLE AW SYNTHETIC HYDRAULIC FLUID

(ISO 32, 46, 68)

Lubri-Loy Biodegradable AW Synthetic Hydraulic Fluids are fully synthetic ester based fluids. It is formulated to perform at the highest level in the field with excellent environmental performance. This product gives customers the best performance in temperature extremes and over long periods of time. This high performance product can reduce operating temperatures, friction and component wear in mobile and industrial hydraulic systems. Excellent thermal and oxidative stability assure superior service life with minimal viscosity change over a broad range of operating temperatures.

Catalog No.	Net Wt.
HFBS-032-640	5 gal. (18 L)
HFBS-032	55 gal. (208 L)
HFBS-046-640	5 gal. (18 L)
HFBS-046	55 gal. (208 L)
HFBS-068-640	5 gal. (18 L)
HFBS-068	55 gal. (208 L)

## BIODEGRADABLE CHAIN / CABLE FLUID, Food Grade H1, (ISO 22)

Lubri-Loy Biodegradable Chain / Cable Fluid, Food Grade H1 is readily biodegradable, biobased high performance multi-purpose lubricant designed for commercial, household, and general lubrication applications. It is ideal for use of oven and conveyor chains, wire ropes, cables, slides, open mechanisms, and light duty metal cutting and tapping applications. Its excellent lubricity and temperature stability provide smooth mechanical performance and superior antiwear protection.



Meets H1 requirements – Registration pending

Catalog No.	Net Wt.
77041BIO	55 gal. (208 L)

*A material is described or classified as 'readily biodegradable' if there is evidence from standard tests that it will be broken down by living organisms and thus removed from the environment. To pass the most stringent tests defined by the OECD, at least 60-70% of the material must be broken down within ten days.*





### BIODEGRADABLE AW HYDRAULIC FLUID Food Grade H1, (ISOs 32, 46)

Lubri-Loy Biodegradable Food Grade AW Hydraulic Fluid is readily biodegradable, high performance Food Grade lubricant that meets the requirements for high-pressure anti-wear hydraulic fluids for the food processing industry. Meets the NSF guidelines of an H1 product for incidental food contact. Excellent lubricity and temperature stability provide efficient power transfer and superior service life with minimal viscosity change over a broad range of applications.



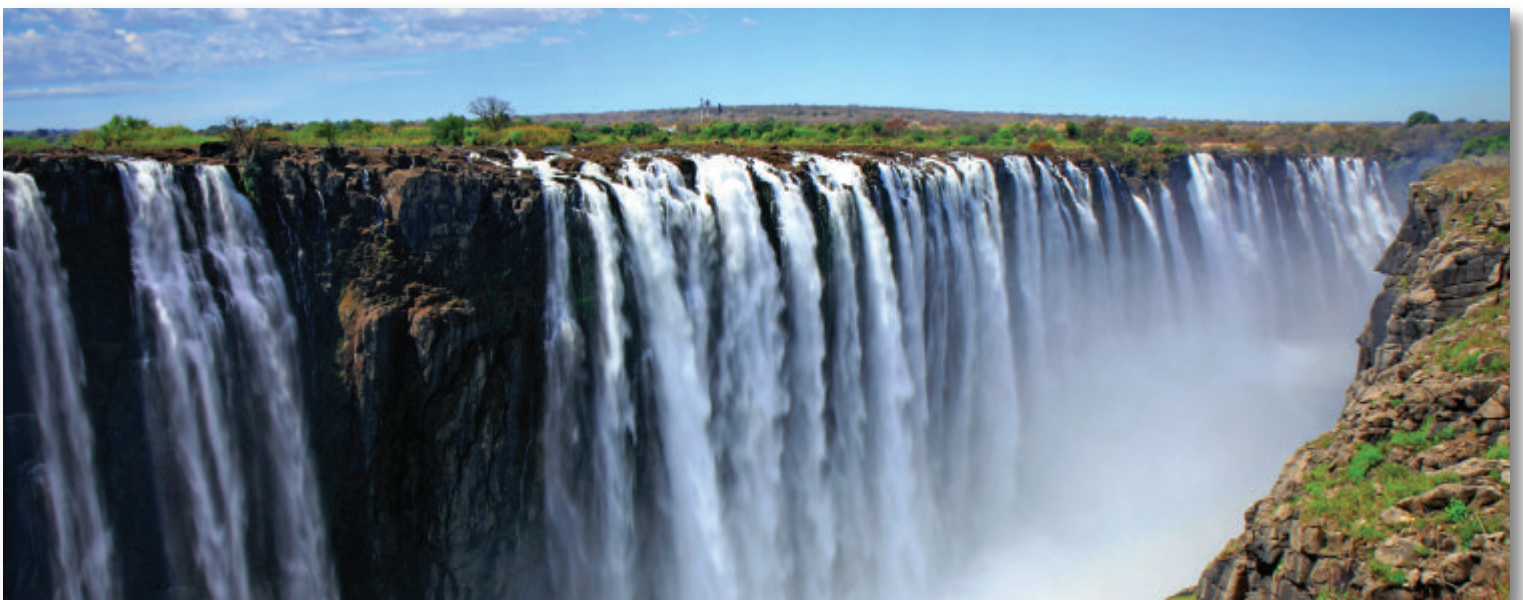
Meets H1 requirements – Registration pending

Catalog No.	Net Wt.
BFGH-032-640	5 gal. (18 L)
BFGH-032	55 gal. (208 L)
BFGH-046-640	5 gal. (18 L)
BFGH-046	55 gal. (208 L)

### BIODEGRADABLE EP GEAR OIL (ISOs 100, 150, 220, 320)

Lubri-Loy Biodegradable EP Gear Oil is a series of readily biodegradable extreme pressure gear lubricants designed for a variety of industrial and mobile equipment applications. Each grade is designed to replace standard gear lubes within the AGMA grades. The series offers excellent thermal and oxidation stability and reduces operating temperatures to ensure superior service life with minimal gear, shaft, and bearing wear, all in a readily biodegradable, environmentally friend formula.

Catalog No.	Net Wt.
GOBIO-100-640	5 gal. (18 L)
GOBIO-100	55 gal. (208 L)
GOBIO-150-640	5 gal. (18 L)
GOBIO-150	55 gal. (208 L)
GOBIO-220-640	5 gal. (18 L)
GOBIO-220	55 gal. (208 L)
GOBIO-320-640	5 gal. (18 L)
GOBIO-320	55 gal. (208 L)





### **LUBRI-CUT HEAVY DUTY, SEMI-SYNTHETIC**

#### **Heavy Duty Concentrated, Water-Soluble Cutting Fluid, 35300**

This is an eco-friendly semi-synthetic metalworking fluid with superior performance for critical, heavy-duty applications. This product contains unique bio-inert ingredients designed to significantly reduce odors and problems associated with biological growth. This unique blend of highly polar ingredients provides the necessary balance of cooling and lubrication required for extended tool life specifically in machining hard material, without the use of chlorine or sulfur.

Lubri-Cut 35300 Cutting Fluid provides superior chip settling properties and controlled detergency to prevent tacky residues from forming during machining and grinding operations. In addition, the inherent stability of this product resists depletion due to hard water build up or microbial action. This product should be used at 5% - 10% water dilution ratio.

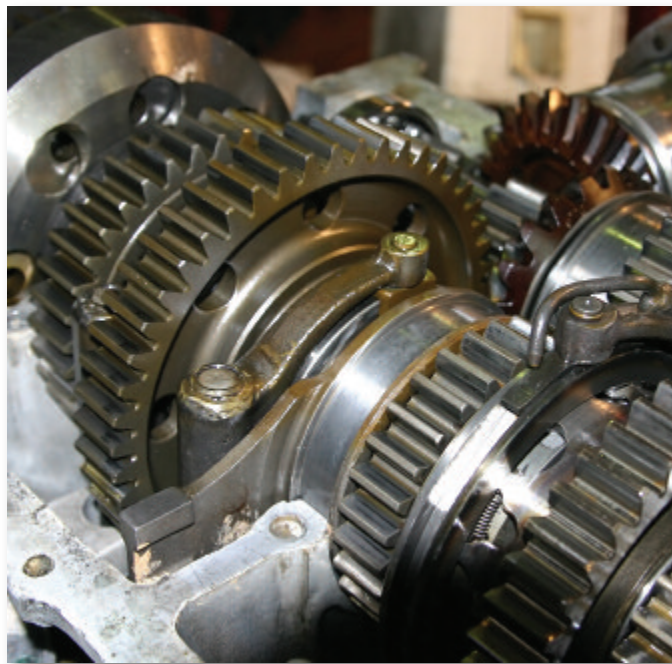


<b>Catalog No.</b>	<b>Net Wt.</b>
LC3-016 (Diluted)	16 oz. (453 g)
LC3-128	1 gal. (3.78 L)
LC3-640	5 gal. (18 L)
LC3-7040	55 gal. (208 L)

### **LUBRI-LOY WAY LUBRICANT (ISOs 68, 100, 150, 220)**

Lubri-Loy Way Lubricants are designed for lubricating slide ways of machine tools and can be used in other applications requiring a non-corrosive product with good extreme-pressure properties. They impart excellent lubricity and surface finishes as well as any necessary friction modification required. These oils have good water separation properties and contain rust and oxidation inhibitors. They also contain a tackifier additive which maintains the oil in contact with the metal surface longer than other products, increasing the level of protection.

<b>Catalog No.</b>	<b>Net Wt.</b>
WLO-068-640	5 gal. (18 L)
WLO-068	55 gal. (208 L)
WLO-100-640	5 gal. (18 L)
WLO-100	55 gal. (208 L)
WLO-150-640	5 gal. (18 L)
WLO-150	55 gal. (208 L)
WLO-220-640	5 gal. (18 L)
WLO-220	55 gal. (208 L)





# LUBRI-LOY PRODUCT SPECIFICATIONS

CHAIN OILS	ISO Grade	NSF	Base Oil	Additive Package	Usable Temp Range	Viscosity @ 40°C (104°F)	Viscosity Index	Pour Point	Flash Point
Engineered Class Synthetic White Graphite High Temp Food Grade Chain Fluid	220	H1	PAG	R&O/AW (White Graphite Solids)	Up To 1200F	220	143	-20C/-4F	271C/520F
Engineered Class Synthetic Food Grade High Temp Oven Chain Fluid	220	H1	POE	Food Grade Heavy Duty	-25F to 575F	220	142	-25C/-13F	315C/599F
Engineered Class Synthetic Ester High Temp Oven Chain Fluid	100	H2	POE	R&O/AW	Up To 400F	100	145	-33C/-25F	308C/587F
Engineered Class Proofer Chain Fluid Food Grade	100	H1	MO	Tackifiers	20F to 300F	100	112	-9C/15F	238C/460F
Engineered Class Packer Chain Fluid Food Grade	320	H1	MO	Tackifiers	20F to 300F	288-353	115	-12C/10F	232C/450F
Engineered Class Synthetic Low Temp Chain Fluid, Food Grade	32	H1	PAO	Food Grade Heavy Duty	-40F to 300F	31	136	<-42C	244C/471F

GREASE	NSF	Base Oil	Additive Package	Viscosity @ 40°C	Thickener	NLGI#	Dropping Point	Temp Range	Four Ball Weld (kg)	Timken OK load, lbs	Color
Lubri-Lith Syn M	H2	PAO	MOS2	68	Lithium Complex	2	470F	-40F to 390F	400	90	Blackish Grey
IMPACT #2 Heavy Duty High Temp Extreme Pressure Grease	H2	MO	MOS2	460	Bentone	2	No Melt	-40F to 450F (Intermittent to 550F)		70	Blackish Grey
Lubri-Syn #9	H2	PAO	MOS2	46	Bentone	2	550F	-80F to 400F	315	59	Black
Lubri-Poly EP	H2	MO		220	Polyurea	2	400F	0F to 350F	315	45	Emerald Green
Lubri-Lith LG	H2	MO	EP, AW, R&O	150	Lithium Complex	2	F	-20F to 300F (Intermittent to 450F)	250	50	Red
Lubri-Syn #21	H1	PAO		46	Clay	2	526F	-80F to 400F	250	35	Light Tan
Impact FG	H1	MO		100	Aluminum Complex	2	F	+10F to 300F (Intermittent to -5 to 450F)	400	40	White
Lubri-Syn Clear Synthetic	H1	PAO		320	Silica Gel	2	F	-35F to 375F		45	Translucent/Clear
IMPACT-FG CSC	H1	MO		100	Calcium Sulfonate Complex	2	F	+10F to 300F (Intermittent to 450F)	620	65	Tan
Lubri-Syn ALC	H1	PAO	White Solids	220	Aluminum Complex	2-3	F	-40F to 350F (Intermittent to F)	500	50	White
Impact G	H2	PAO	MOS2	-	Bentone	3	450F	5F to 400F	800	-	Black

SYNTHETIC GEAR OIL	NSF	Base Oil	Viscosity @ 40°C	Viscosity Index	Density 15.6°C	Flash Point	Pour Point	Acid Number	Copper Corrosion	Foam Oxidation Stability	FZG Steel Corrosion	40kg/ Tendency Seq. II	Scuffing A/8.3/90	1200R 1HR/75°C
150	H1	PAO	150	139	0.845	268/515	-45/-49	<0.3	1b	10,000+	Pass	10-00	13	0.35
220	H1	PAO	226	147	0.845	268/515	-42/-44	<0.3	1b	10,000+	Pass	10-00	13	0.35
320	H1	PAO	320	150+	0.849	278/532	-39/-38	<0.3	1b	10,000+	Pass	10-00	13	0.33
460	H1	PAO	400	150+	0.852	292/558	-35/-31	<0.3	1b	10,000+	Pass	10-00	13	0.33

SYNTHETIC HYDRAULIC FLUID	NSF	Base Oil	Additive Package	Density 15°C	Flash Point	Pour Point	Demulsibility @ 140°F	Oxidative Life	4 Ball Wear	Copper Corrosion	Steel Corrosion	Acid Number
32	H1	PAO	AW	0.8284	244/471	<-42	41-39-0	0.09	<0.30	1A	Pass	0.45
46	H1	PAO	AW	0.8333	262/504	<-48	41-39-0	0.08	<0.30	1A	Pass	0.40
68	H1	PAO	AW	0.8362	272/522	-39	41-39-0	0.08	<0.35	1A	Pass	0.40
100	H1	PAO	AW	0.841	268/519	-48	41-39-0	0.09	<0.35	1A	Pass	0.40



# LUBRI-LOY PRODUCT SPECIFICATIONS

SYNTHETIC GEAR OIL	NSF	Base Oil	Additive Package	ISO VG	Viscosity °C	Viscosity 40°C	Viscosity Index	Pour Point °C (°F)	Four-Ball Wear Test	Copper Strip Corrosion Test	ASTM D-2782	Weld Point, kg Load
	H2	PAO	EP	100	14.35	104.69	140	-43 (-45)	.40	1B	80 lbs	315
150	H2	PAO	EP	150	19.3	156.75	141	-40 (-40)	.40	1B	80 lbs	315
220	H2	PAO	EP	220	25.54	228.59	142	-36 (-38)	.40	1B	80 lbs	315
320	H2	PAO	EP	320	32.79	329.7	140	-29 (-34)	.40	1B	80 lbs	315
460	H2	PAO	EP	460	43.28	477.41	141	-24 (-31)	.40	1B	80 lbs	315
680	H2	PAO	EP	680	55.41	697.54	140	-22 (-30)	.40	1B	80 lbs	315
1000	H2	PAO	EP	0	77.35	1,079.19	145	-18 (-28)	.40	1B	80 lbs	315

GEAR OIL	NSF	Base Oil	Additive Package	API Gravity	Viscosity, 40°C, cSt	Viscosity, °C, cSt	Viscosity Index
68	H2	MO	EP	29	68	9.1	110
100	H2	MO	EP	28	100	11.8	105
150	H2	MO	EP	27	150	15	
220	H2	MO	EP	26	220	19.4	
320	H2	MO	EP	26	320	25	
460	H2	MO	EP	26	460	32	

HYDRAULIC FLUID	NSF	Base Oil	Additive Package	API Gravity	Viscosity, 40°C, cSt	Viscosity, 100°C, cSt	Viscosity Index	RBOT, min	Emulsion Separation	Pour Point, °C
22	H2	MO	AW	31	22	4.3	100	300	10	-24
32	H2	MO	AW	30	32	5.4	100	300	10	-24
46	H2	MO	AW	29	46	6.8	100	300	15	-21
68	H2	MO	AW	28	68	8.7	100	300	15	-15
100	H2	MO	AW	27	100	11.4	100	300	15	-12
150	H2	MO	AW	26	150	15	100	300	15	-12

HYDRAULIC FLUID	NSF	Base Oil	Additive Package	ASTM Grade	Viscosity, 100°F, SUS	Specific Gravity	Flash Point °F	Pour Point, °C/°F
32	H1	MO	AW	150	150	0.856	410	-9/-15
46	H1	MO	AW	215	214	0.861	420	12/10
68	H1	MO	AW	315	315	0.869	410	-9/15
100	H1	MO	AW	465	464	0.869	450	-9/15

SYNTHETIC HYDRAULIC FLUID	NSF	Base Oil	Additive Package	Kinematic Viscosity @ °C cSt	Kinematic Viscosity @ 40°C cSt	Viscosity Index	Turbine Oxidation, hours	Emulsion Separation, min
32	H2	PAO	AW	5.5	32.0	108	0+	10
46	H2	PAO	AW	7.0	46.0	109	0+	10
68	H2	PAO	AW	9.2	68.0	111	0+	15



# LUBRI-LOY PRODUCT SPECIFICATIONS

TECHNICAL GRADE WHITE OIL	NSF	Base Oil	Viscosity, 40°C, cSt	Viscosity, 100°C, cSt	Viscosity Index	API Gravity	Pour Point Max	Color Min.
10 to 15	H1	MO	12.0	3.0	104	34.3	-29 to -20	25
15 to 22	H1	MO	16.66	3.6	98	34.3	-7 to -20	25
32 to 46	H1	MO	40.68	6.4	107	34.3	-7 to -20	25
68	H1	MO	66.45	9	111	34.3	-7 to -20	25
	H1	MO	108.45	12.3	105	34.3	-7 to -20	25

RECIPROCATING COMPRESSOR OIL	NSF	Base Oil	Additive Package	Kinematic Viscosity @ 40°C cSt	Kinematic Viscosity @ 100°C cSt	Viscosity Index	API Gravity
32	H2	MO	R&O	32.00	5.50	108	31.5
46	H2	MO	R&O	46.00	6.90	105	30.2
68	H2	MO	R&O	68.00	8.87	103	30.0
100	H2	MO	R&O	100.00	10.60	99	28.3
150	H2	MO	R&O	150.00	15.94	110	27.7
220	H2	MO	R&O	220.00	28.51	120	26.8
320	H2	MO	R&O	320.00	37.86	125	26.1

PREMIUM TURBINE & CIRCULATION OIL	NSF	Base Oil	Additive Package	Kinematic Viscosity @ 40°C cSt	Kinematic Viscosity @ 100°C cSt	Viscosity Index	Turbine Oxidation (ASTM)	RPVOT, min (ASTM)
32	H2	MO	R&O	32.00	5.4	100	0	700
46	H2	MO	R&O	46.00	6.8	100	0	700
68	H2	MO	R&O	68.00	8.7	100	0	600
100	H2	MO	R&O	100.00	11.4	100	4000	400
150	H2	MO	R&O	150.00	15.0	100	2	300
220	H2	MO	R&O	220.00	19.0	100	1	300
320	H2	MO	R&O	320.00	25.0	100	1200	300
460	H2	MO	R&O	460.00	32.0	100	1	300

ROTARY SYNTHETIC COMPRESSOR OIL	NSF	Base Oil	Additive Package	Kinematic Viscosity @ 100°C cSt	Kinematic Viscosity @ 40 °C cSt	Viscosity Index
22	H2	PAO	R&O	4.5	22.0	120
32	H2	PAO	R&O	5.8	32.0	125
46	H2	PAO	R&O	7.5	46.0	128
68	H2	PAO	R&O	9.7	68.0	125
100	H2	PAO	R&O	13.2	100.0	130
150	H2	PAO	R&O	18.8	150.0	142

PREMIUM AIR LINE LUBRICANT	NSF	Base Oil	Additive Package	ASTM Grade	Viscosity, 100°F, SUS	Specific Gravity	Flash Point °F	Pour Point, °C/°F
32	H1	MO	AW, R&O	150	150	0.856	410	-9/-15

PREMIUM AIR LINE LUBRICANT SYNTHETIC	NSF	Base Oil	Additive Package	Pour Point	Four Ball Wear Scar	Density, lbs./gals.,	Specific Gravity	Viscosity @100 ° C	Viscosity @ 40°C
32	H1	PAO	AW, R&O	<-75° F	0.37	60 of 6.89	0.827	5.85 cSt	30.9 cSt





LUBRI-LOY PRODUCT SPECIFICATIONS

WAY LUBE	NSF	Base Oil	Additive Package	API Gravity	Viscosity, 40°C, cSt	Viscosity, 100°C, cSt	Viscosity Index
32	H2	MO	R&O	32.1	30	5.4	118
68	H2	MO	R&O	29.9	64.6	9.0	114
100	H2	MO	R&O	30.2	101.3	11.7	103
150	H2	MO	R&O	28.9	148.4	15.2	104
220	H2	MO	R&O	28.0	238.9	21.0	103

SYNTHETIC PAG GEAR OIL	NSF	Base Oil	API Gravity	Viscosity, 40°C, cSt	Viscosity, 100°C, cSt	Viscosity Index	FZG Spur Gear Test	Pour Point, F°/°C
150	H1	PAG	1.048	143	27.2	229	12+Pass	-49/-45
220	H1	PAG	1.055	224	41.3	238	12+Pass	-49/-45
320	H1	PAG	1.058	319	57.0	247	12+Pass	-44/-42
460	H1	PAG	1.060	442	78.1	259	12+Pass	-44/-42
680	H1	PAG	1.061	650.2	110.6	268	12+Pass	-44/-42

SYNTHETIC PAG GEAR OIL	NSF	Base Oil	Additive Package	API Gravity	Viscosity, 40°C, cSt	Viscosity, 100°C, cSt	Viscosity Index	FZG Spur Gear Test	Pour Point, F°/°C
220	H2	PAG	EP	1.052	237	42.9	238	12+ Pass	-49/-45
320	H2	PAG	EP	1.054	314	55.7	245	12+ Pass	-49/-45
460	H2	PAG	EP	1.056	441	76.6	255	12+ Pass	-44/-42
680	H2	PAG	EP	1.057	654	111	268	12+ Pass	-44/-42

BIODEGRADABLE CHAIN/CABLE FLUID	NSF	Base Oil	Viscosity 40°C	Pour Point °C	Flash Point °C	Copper Strip Corrosion Test	Rust Test A & B	Biodegradability %	Operating Range
---------------------------------	-----	----------	----------------	---------------	----------------	-----------------------------	-----------------	--------------------	-----------------

22	H1	Vegetable	22	-30	>215	Pass	1A	>90	10F to 150F
----	----	-----------	----	-----	------	------	----	-----	-------------

BIODEGRADABLE AW SYNTHETIC HYDRAULIC FLUID	NSF	Base Oil	Additive Package	Specific Gravity	Viscosity 40°C	Pour Point °F (°C)	Flash Point °F(°C)	Copper Strip Corrosion Test	Rust Test A & B	Biodegradability %
--	-----	----------	------------------	------------------	----------------	--------------------	--------------------	-----------------------------	-----------------	--------------------

46	H2	POE	AW	.87	46	-63 (-53)	>590 (310)	1A	Pass	>80
----	----	-----	----	-----	----	-----------	------------	----	------	-----

BIODEGRADABLE HYDRAULIC FLUID	NSF	Base Oil	Additive Package	Specific Gravity	Viscosity 40°C	Pour Point °F (°C)	Flash Point °F(°C)	Copper Strip Corrosion Test	Rust Test A & B	Biodegradability %
-------------------------------	-----	----------	------------------	------------------	----------------	--------------------	--------------------	-----------------------------	-----------------	--------------------

32	H2	Vegetable	AW	.913	32	-20 (-28)	>325 (163)	1A	Pass	>95
----	----	-----------	----	------	----	-----------	------------	----	------	-----

46	H2	Vegetable	AW	.913	46	-6 (-21)	>500 (260)	1A	Pass	>95
----	----	-----------	----	------	----	----------	------------	----	------	-----

68	H2	Vegetable	AW	.913	68	-6 (-21)	> 500 (260)	1A	Pass	>95
----	----	-----------	----	------	----	----------	-------------	----	------	-----

BIODEGRADABLE EP GEAR OIL	NSF	Base Oil	Additive Package	Specific Gravity	Viscosity 40°C	Pour Point °F (°C)	Flash Point °F(°C)	Copper Strip Corrosion Test	Rust Test A & B	Biodegradability %
---------------------------	-----	----------	------------------	------------------	----------------	--------------------	--------------------	-----------------------------	-----------------	--------------------

100	H2	Vegetable	EP	0.92	100	0 (-18)	>500 (26)	1A	Pass	>95
-----	----	-----------	----	------	-----	---------	-----------	----	------	-----

150	H2	Vegetable	EP	0.92	150	0 (-18)	>500 (26)	1A	Pass	>95
-----	----	-----------	----	------	-----	---------	-----------	----	------	-----

220	H2	Vegetable	EP	0.92	220	+10 (-12)	>500 (26)	1A	Pass	>95
-----	----	-----------	----	------	-----	-----------	-----------	----	------	-----

320	H2	Vegetable	EP	0.92	320	+10 (-12)	>500 (26)	1A	Pass	>95
-----	----	-----------	----	------	-----	-----------	-----------	----	------	-----

BIODEGRADABLE HYDRAULIC FLUID	NSF	Base Oil	Additive Package	Specific Gravity	Viscosity 40°C	Pour Point °F (°C)	Flash Point °F(°C)	Copper Strip Corrosion Test	Rust Test A & B	Biodegradability %
-------------------------------	-----	----------	------------------	------------------	----------------	--------------------	--------------------	-----------------------------	-----------------	--------------------

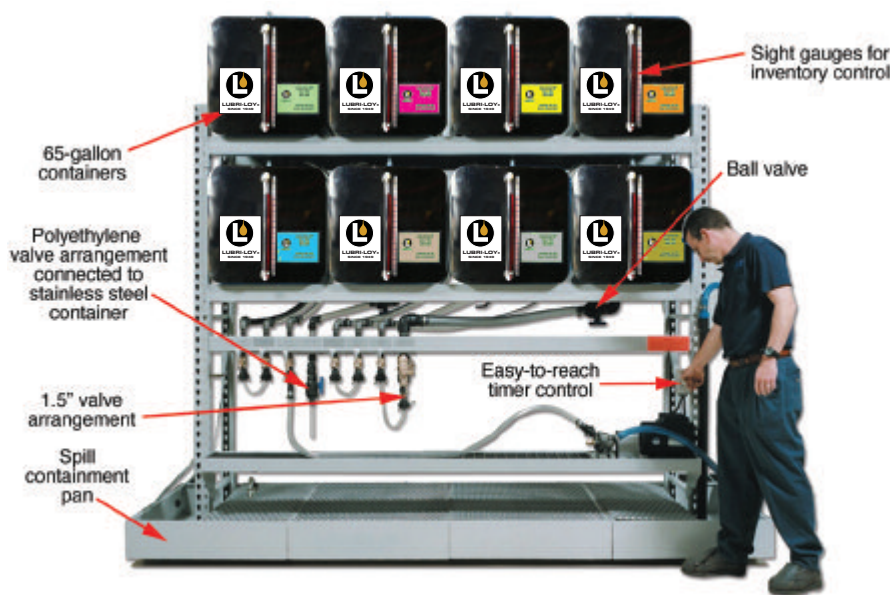
32	H1	Vegetable	AW	.913	32	8 (-13)	>400 (204)	1A	Pass	>75
----	----	-----------	----	------	----	---------	------------	----	------	-----

46	H1	Vegetable	AW	.913	46	8 (-13)	>500 (260)	1A	Pass	>95
----	----	-----------	----	------	----	---------	------------	----	------	-----



# Lubri-Loy Fluid Management System

*Innovative Solutions To Handle Your Bulk Fluids*



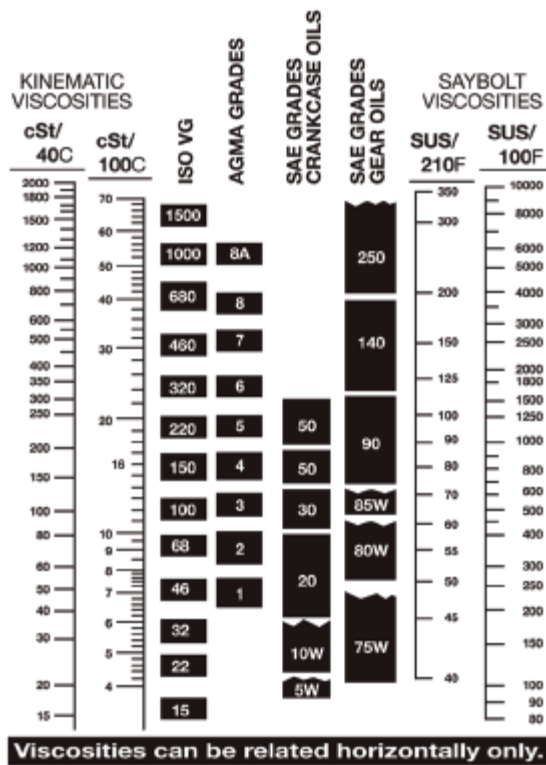
## BASE OIL COMPATIBILITY CHART

	Mineral/PAO	Ester	Polyglycol	Silicone: Methyl	Silicone: Phenyl	Polyphenyl-ether	PFPE
Mineral oil / PAO	+	+	-	-	+	○	-
Ester	+	+	+	-	+	○	-
Polyglycol	-	+	+	-	-	-	-
Silicone: methyl	-	-	-	+	+	-	-
Silicone: phenyl	+	+	-	+	+	+	-
Polyethylether	○	○	-	-	+	+	-
PFPE	-	-	-	-	-	-	+

+ = Compatible    ○ = Test required    - = Incompatible

ASTM STANDARDS TEST LEGEND

ASTM D-445	Viscosity @ 40°C and Viscosity 100°C
ASTM D-2270	Viscosity Index
ASTM D-97	Pour Point
ASTM D-(40kg,1200)	Four Ball Wear Test
ASTM D-4172	Four Ball Wear Scar
ASTM D-(250F) 3	Copper Strip Corrosion Test
ASTM-2422	ISO VG
ASTM D-943	Turbine Oxidation, Hours
ASTM D-1401	Emulsion Separation, Min
ASTM D-1289	Specific Gravity
ASTM D-93	Flash Point (Closed Cup Method)
ASTM D-473	Sediment in Fuel Oils ( Extraction Method)
ASTM D-445	Kinematic Viscosity (Brookfield Digital Method)
ASTM D-86	Distillation Range
ASTM D-130	Copper Corrosion ( Copper Corrosion Tarnish Strip)
ASTM D-287	Density / Specific Gravity ( Hydrometer Method)
ASTM D-664	Total Acid Number TAN (Potentiometric Method)
ASTM D-1500	Colour of Petroleum Products
ASTM D-664	Total Base Number TBN (Potentiometric Method)
ASTM D-95	Water Content (Distillation by Dean & Stark)
ASTM D-611	Aniline and Mixed Aniline Point
ASTM D-156	Saybolt Colour of Petroleum Products



GREASE COMPATIBILITY CHART												
THICKENER	Aluminum Complex	Barium Soap	Barium Complex	Bentone (Clay)	Calcium Stearate	Calcium 12 Hydroxy	Calcium Complex	Calcium Sulfonate	Lithium Stearate	Lithium 12 Hydroxy	Lithium Complex	Polyurea
Aluminum Complex	I	I	I	I	I	C	I	B	I	I	C	I
Barium Soap	I	I	I	I	I	B	B	B	I	I	C	I
Barium Complex	I	I	I	I	I	C	I	C	I	I	I	I
Bentone (Clay)	I	I	I	I	C	C	I	I	I	I	I	C
Calcium Stearate	I	I	I	C	I	C	I	C	C	B	C	I
Calcium 12 Hydroxy	C	B	C	C	C	I	B	B	C	C	C	I
Calcium Complex	I	B	I	I	B	I	I	I	I	I	C	B
Calcium Sulfonate	B	B	C	I	C	B	I	I	B	B	C	I
Lithium Stearate	I	B	I	I	C	C	I	B	I	C	C	I
Lithium 12 Hydroxy	I	I	I	I	B	C	I	B	C	I	C	I
Lithium Complex	C	B	I	I	C	C	C	C	C	C	I	C
Polyurea	I	I	I	I	I	I	B	I	I	I	I	I
Silica Gel	C	C	I	C	I	I	B	C	I	C	I	I
Sodium Soap	B	I	I	I	I	I	I	I	I	I	I	I

NOTE: Greases contain thickeners and it is important to assess thickener compatibility before interchanging and mixing greases together. Some thickeners are compatible, while others are not. If there is any question about compatibility, the previous grease should be completely purged from the application before new grease is added and used.





## **LUBRI-LOY VALUE-ADDED SERVICE CAPABILITIES**

### **PLANT LUBRICATION SURVEYS**

Every manufacturing facility is unique and requires different lubrication needs – from bulk oils to greases to aerosol products. Lubri-Loy will customize a lubrication program based on the customer's needs – eliminating unnecessary inventory duplication as well as obsolescence. We will help to correct "minimums and maximums" as well as re-establish re-order points and back-up inventory by measuring high and critical-usage products. We will help to implement a successful, single-source managed inventory concept.

### **ON-SITE END USER AND DISTRIBUTOR TRAINING**

Many times product usage as well as proper application can be confusing. We will assist with on-site training and developing interchange materials to assure maintenance personnel are properly educated and updated on product usage as well as the necessary application. We offer Best Practices for lubrication handling, storage, lubrication regimes and much more. This helps to improve your overall reliability and reduce your operating costs.

### **EQUIPMENT TAGGING**

Our customized equipment tagging and labeling program is designed to help the end user accurately identify the proper lubricant from bulk storage to the fill point. Our color-coded tagging system is designed to fit your needs and will help to ensure maintenance personnel are fully aware of P.M.s and proper product identification including distinguishing Food Grade H1 from Non-Food Grade requirements.

### **FIELD ENGINEERING SUPPORT**

Our salespeople are seasoned industry veterans who understand the manufacturing and lubrication application process.

### **OIL, FLUID AND GREASE ANALYSIS**

We offer services to analyze your products to test for important attributes such as extreme pressure, wear resistance and temperature capabilities. Our products meet ASTM and NLGI specifications.

### **DIVERSE MANUFACTURING FACILITY CAPABILITIES**

Lubri-Loy offers a unique and technologically-advanced array of products to meet the demands of many different types of manufacturing facilities. We offer Food Grade, petroleum-based, synthetic as well as a variety of specialty products for:

- Food Processing
- Bakery
- Foundry
- Quarry
- Milling
- Beverage
- Pharmaceutical
- Grain
- Lumber
- Textile
- Chemical
- Commercial Trucking

### **DRUM RECYCLING SERVICES**

Unused oil drums occupy valuable storage space. By removing and rotating these drums at regular intervals, you will assure that your product inventory and storage space remains updated and current in a timely manner.

### **PRIVATE LABEL CAPABILITIES**

In some instances, customers want the ability to brand and market their own identity and name. Lubri-Loy will customize private-label programs to help companies market themselves through their own lubrication products and solutions.



**LUBRI-LOY®**  
SINCE 1949

International Headquarters  
150 Enterprise Drive  
Wentzville, MO 63385

Phone 636•561•5007 • Fax 636•561•5006  
[www.lubriloy.com](http://www.lubriloy.com)

2013/2014