



# **Heavy-Duty Lubricants For Quarry and Mining Equipment**

**Synthetic and Petroleum-Based  
Heavy-Duty Multi-Purpose Greases**

**Heavy-Duty Gear Oils**

**Open Gear Greases**

**Heavy-Duty Hydraulic Oils**

**Specialty Lubricants**

**Spray Lubricants**

**Motor Oils and  
Transmission Fluids**

**Environmentally Responsible  
ECO-Friendly Lubricants**

**Perma Automatic  
Lubricators**



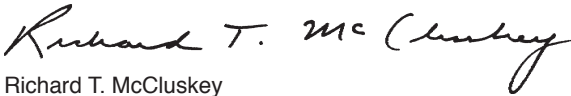
**Lubriplate® Lubricants**

# Lubriplate® Heavy-Duty Lubricants for Mining Equipment.

Dear Customer;

Thank you for your interest in Lubriplate Lubricants. For 142 years, our company has manufactured and sold only the highest quality lubricants to all types of industry. This selection of heavy-duty, high-performance lubricants has been formulated to provide outstanding performance even in the most demanding heavy quarry/mining environments. At Lubriplate we are committed to developing, manufacturing quality lubricants that meet and exceed your expectations. We back up our products with a wide range of complimentary services which includes; equipment surveys, a toll free technical hotline and e-mail, color coded equipment tags, maintenance software, follow-up lubricant analysis and a wide range of training programs. We appreciate your consideration of Lubriplate Lubricants. We realize that we must constantly work to earn and maintain your trust.

Sincerely,



Richard T. McCluskey  
President and Chief Executive Officer  
e-mail: RichardM@lubriplate.com



All Lubriplate Lubricants are manufactured under strict ISO 9001 registered quality assurance standards.



## Complimentary Value Added Services Offered



### **Toll Free Technical Support Hotline and E-mail**

Call our technical service center toll free at 800-347-5343 or 800-733-4755 for answers to your lubrication questions by phone, or e-mail your questions to [LubeXpert@lubriplate.com](mailto:LubeXpert@lubriplate.com) or contact your nearest Lubriplate district manager or your local distributor representative for complete technical support.



### **Complete Equipment Surveys and Lubricant Inventory Consolidation**

Complete equipment surveys by our professional staff of lubrication engineers are also available to determine your exact lubricant requirements and identify opportunities for lubricant inventory consolidation.



### **Customized, Color Coded, Lubricant Specification Equipment Tags**

Customized to meet your needs, these color coded equipment tags help prevent lubricant misapplication and ensure that the proper lubricant is used when servicing a particular piece of equipment. Based on a complete equipment survey, tags can be provided for each piece of equipment.



### **Lubrication Maintenance Software**

Lubriplate offers a PC based computer software program that puts your entire lubrication and maintenance schedules at your fingertips. This service is based on a complete survey of equipment. Contact Dan Moroses for details at 973-589-9150.



### **No-Charge Oil / Fluid and Grease Analysis**

Our Oil/Fluid and Grease Analysis Program that is offered at no-charge on all Lubriplate products. Tests that are performed include: Viscosity, Acidity, Contamination (% sediment and % moisture,) Spectrochemical (PPM of wear metals and additives) ISO Cleanliness (optional). An interpretation of the results is included along with suggested actions to take.



### **Lubrication Training Programs**

We offer training programs tailored to fit your needs. These educational training sessions focus on all facets of equipment lubrication and are not a sales presentation. Seminars are graphically presented with overheads, and other support material. Available on-site at your facility or in a local conference room. Contact us at 800-733-4755 for more information.

# Heavy-Duty Multi-Purpose Greases

## SYN-3001 & SYN-3002:

100% Synthetic, Polyalphaolefin (PAO)-Based, Moly-Fortified, Heavy-Duty Greases.

These high performance, heavy-duty, moly-fortified, 100% synthetic greases provide superior oxidation resistance for long lasting protection from friction, wear and corrosion. They have excellent high and low temperature performance and are highly resistant to water. Contains 5% Moly. Recommended for all types of heavy equipment.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
SYN-3001	L0315-	1	218 / 1009	310 / 340	500°F / 260°C	-40°F / -40°C to 400°F / 204°C	AW/EP	YES	YES
SYN-3002	L0316-	2	446 / 2066	265 / 295	500°F / 260°C	-30°F / -34°C to 400°F / 204°C	AW/EP	YES	YES

\*SYN-3001 & SYN-3002 Greases are available in Cartridges, Pails, 1/4 Drums, Drums & Perma Lubricators. See page 7 for more information and package part number suffix.

## No. 3000 and 3000-W:

Petroleum Based, Tacky, Moly-Lithium Type, Extreme Pressure Greases.

Provides a durable, tenacious, adhesive film to protect against water, rust, and corrosive contaminants. Fortified with molybdenum disulfide for extreme pressure applications. 3000-W is for cold ambient temperatures. Recommended for all types of heavy equipment.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
3000	L0108-	2	237 / 1250	265 / 295	450°F / 232°C	15°F / -9°C to 300°F / 149°C	AW/EP	YES	YES
3000-W	L0107-	1	60 / 315	310 / 340	375°F / 191°C	-30°F / -34°C to 275°F / 135°C	AW/EP	YES	YES

\*3000 Series Greases are available in Cartridges, Pails, 1/4 Drums, Drums and Perma Lubricators. See page 7 for more information and package part number suffix.

## LTR-2: "The Red Grease"

Heavy-Duty, Tacky, Red, Lithium Complex Grease.

This rugged, tacky, highly water resistant, extreme pressure grease can withstand higher temperatures than traditional lithium greases. It is recommended for a wide variety of heavy-duty industrial, construction, quarry, aggregate and mining applications. Red in color.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
LTR-2	L0167-	2	460 / -	265 / 295	505°F / 263°C	5°F / -15°C to 400°F / 204°C	AW/EP	YES	YES

\*LTR-2 is available in Cartridges, Pails, 1/4 Drums and Drums. See page 7 for more information and package part number suffix.

## No. 1444:

Tacky, Aluminum Complex Type Grease.

Specifically formulated for heavy-duty quarry and mining equipment. Excellent for slow to moderate speed bearings and chains that are subjected to heat, steam and water.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
1444	L0227-	2	626 / 3300	265 / 295	500°F / 260°C	20°F / -7°C to 400°F / 204°C	AW/EP	YES	YES

\*No. 1444 is available in Cartridges, Pails, 1/4 Drums, Drums & Perma Lubricators. See page 7 for more information and package part number suffix.

## 1240 Series:

Lithium-Polymer Type, Viscous, Non-corrosive, Extreme Pressure Greases.

Highly water resistant and tacky, they are designed for applications where the grease is subjected to heavy pressure and shock loads. This series is available in 3 NLGI densities for a wide range of applications and temperatures.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
1240	L0105-	0	237 / 1250	355 / 385	400°F / 204°C	5°F / -15°C to 280°F / 138°C	AW/EP	YES	YES
1241	L0104-	1	237 / 1250	310 / 340	400°F / 204°C	5°F / -15°C to 290°F / 143°C	AW/EP	YES	YES
1242	L0106-	2	237 / 1250	265 / 295	425°F / 218°C	15°F / -9°C to 300°F / 149°C	AW/EP	YES	YES

\*1240 Series Greases are available in Cartridges, Pails, 1/4 Drums, Drums and Perma Lubricators. See page 7 for more information and package part number suffix.

## EM-Plex EP-1:

Adhesive, Moly-Fortified, Heavy-Duty Grease.

Specifically formulated for heavy-duty mining equipment. Provides a long-lasting protective film. Contains 5% Moly - provides compliance with major heavy equipment manufacturers' specifications. High dropping point. Provides enhanced thermal stability.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
EM-Plex EP-1	L0147-	1	215 / 1100	310 / 340	500°F / 260°C	-5°F / -21°C to 370°F / 188°C	AW/EP	YES	YES

\*EM-Plex EP-1 is available in Pails, 1/4 Drums & Drums. See page 7 for more information and package part number suffix.

# Heavy-Duty Gear Oils

## APG Series:

Heavy-Duty, Extreme Pressure (EP) Petroleum-Based Gear Oils.

These heavy-duty, extreme pressure oils were developed to meet gear oil needs of most automotive, truck, heavy equipment and industrial gearboxes requiring an extreme pressure type oil. Meets military specification MIL-PRF-2105E and MIL-L-2105D and API categories GL-3, GL-4, GL-5, MT-1.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	ISO GRADE	AGMA NO.	SAE GEAR OIL NO.	SAE NO.	VISCOSITY cSt @40°C / 100°C	VISCOSITY SUS @100°F / 210°F	VISCOSITY INDEX	FLASH POINT	FIRE POINT	POUR POINT
APG-75	L0116-	32	-	75W	10W	31 / 6	152 / 44	113	350°F / 177°C	365°F / 185°C	-55°F / -48°C
APG-80	L0117-	68	2 EP	80W	20	67 / 9	356 / 58	113	380°F / 193°C	440°F / 227°C	-35°F / -37°C
APG 80W-90	L0030-	100	3 EP	80W-90	40	124 / 15	650 / 84	121	380°F / 193°C	410°F / 210°C	-35°F / -37°C
APG-90	L0118-	150	5 EP	90	50	156 / 16	816 / 86	112	395°F / 202°C	440°F / 227°C	-20°F / -29°C
APG 80W-140	L0124-	320	6 EP	80W-140	60	248 / 25	1300 / 125	120	380°F / 193°C	410°F / 210°C	-25°F / -32°C
APG-140	L0119-	460	7 EP	85W-140	70	410 / 31	2220 / 152	107	405°F / 207°C	440°F / 227°C	0°F / -18°C
APG-250	L0120-	680	8 EP	250	-	701 / 42	3700 / 203	100	390°F / 199°C	450°F / 232°C	5°F / -15°C

\*APG Series Gear Oils are available in Jugs, Pails, 1/4 Drums & Drums. See page 7 for more information and package part number suffix.

## Fiske's Kling Gear Oils: "The Red Gear Oil"

Heavy-Duty, Tacky, Red, Extreme Pressure (EP) Gear Oils.

These Heavy-duty, tacky, oils cling tenaciously to gear teeth. Formulated for heavy service and fortified with extreme pressure additives, these oils help minimize wear and prolong gear life. For heavy-duty gear applications, rear end differentials and recirculating systems. They provide excellent rust and oxidation protection. Red color helps with leak detection. They meet MIL-L-2105C specifications and conform to API classification GL-5.

FISKE'S KLING GEAR	*PRODUCT PART NO.	ISO GRADE	AGMA NO.	SAE GEAR OIL NO.	SAE NO.	VISCOSITY cSt @40°C / 100°C	VISCOSITY SUS @100°F / 210°F	VISCOSITY INDEX	FLASH POINT	FIRE POINT	POUR POINT
KG 80W-90	F0162-	150	5 EP	80W-90	40	-	816 / 89	114	410°F / 210°C	460°F / 238°C	-25°F / -32°C
KG 85W-140	F0163-	460	7 EP	85W-140	60	-	1866 / 140	107	390°F / 199°C	435°F / 224°C	-10°F / -23°C

\*Fiske's Kling Gear Oils are available in Pails, 1/4 Drums & Drums. See page 7 for more information and package part number suffix.

## Open Gear Greases

### Gear Shield Extra Heavy:

Multi-Purpose, Lithium-Based, Open Gear Grease.

Made for all types of open/exposed gears. Gear Shield Extra Heavy is a thick, tacky and adhesive open gear grease for adverse conditions. Excellent fifth wheel lubricant.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
Gear Shield X Hvy	L0152-	2.5	432 / 2000	234 / 260	370°F / 188°C	20°F / -7°C to 275°F / 135°C	AW	YES	YES

\*Gear Shield Extra Heavy is available in Caulk Type Cartridges, Spray Cans, Pails, 1/4 Drums, Drums & Perma Lubricators. See page 7 for more information and package part number suffix.

### No. 176:

Inorganic / Organic, Open Gear Grease for Centralized Systems. No Solvents.

This adhesive, semi-fluid grease is for all types of open gears lubricated by centralized systems. Provides good pumpability without the use of harmful solvents.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
No. 176	L0054-	00	313 / 1650	400 / 430	NON-MELT	25°F / -4°C to 275°F / 135°C	AW/EP	YES	YES

No. 176 is available in Pails, 1/4 Drums, Drums & Permas. See page 7 for more information and package part number suffix.

### EM-Guard EP-0:

Inorganic / Organic, Open Gear Grease for Centralized Systems. No Solvents.

This soft, tacky, NLGI No. 0 density grease is designed for open gears lubricated by centralized lubrication systems. Provides excellent thermal stability. No solvents in formulation. Non-melting. Provides enhanced protection for gear faces.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	NLGI GRADE	OIL VIS. cSt / SUS @ 40°C / 100°F	WORKED PENETRATION	ASTM DROP POINT	RECOMMENDED OPERATING TEMPERATURE RANGE	AW/EP	RUST/OXID. ADDITIVES	WATER RESISTANT
EM-Guard EP-0	L0146-	0	313 / 1650	355 / 385	NON-MELT	25°F / -4°C to 275°F / 135°C	AW/EP	YES	YES

EM-Guard EP-0 is available in Pails, 1/4 Drums and Drums. See page 7 for more information and package part number suffix.

## Heavy-Duty Hydraulic Oils

### **Fiske's AW Series:** Heavy-Duty, Anti-Wear Fortified Hydraulic Oils.

These High performance, anti-wear fortified oils are formulated for all types of hydraulic and recirculating systems found on industrial and construction equipment. They are fortified with rust and oxidation inhibitors. The anti-wear additive package helps minimize the formation of sludge and other corrosive by-products. High aniline points help prolong seal life. Meets Cincinnati Milacron and Vickers specifications.

FISKE'S AW SERIES	*PRODUCT PART NO.	ISO GRADE	AGMA NO.	SAE GEAR OIL NO.	SAE NO.	VISCOSITY cSt @40°C	VISCOSITY SUS @100°F / 210°F	VISCOSITY INDEX	FLASH POINT	FIRE POINT	POUR POINT
AW-32	F0400-	32	-	-	10	29	154 / 44	97	405°F / 207°C	445°F / 230°C	-25°F / -32°C
AW-46	F0401-	46	1	75	20	42	213 / 48	99	410°F / 210°C	450°F / 232°C	-20°F / -29°C
AW-68	F0402-	68	2	80	20	61	314 / 54	103	430°F / 221°C	470°F / 243°C	-10°F / -23°C

\*Fiske's AW Series Oils are available in Pails & Drums. See page 7 for more information and package part number suffix.

## Specialty Lubricants

### **Power Hammer & Chisel Grease:**

This Heavy-Duty, extreme pressure type, aluminum complex grease with moly, copper and graphite, is made for use on most types of heavy-duty power hammers. Greatly extends shaft and bushing life. Product Part No. L0190-. Available in cartridges and pails. See packaging section on page 7 for package part number suffix.

### **Rock Drill Oils 10R, 30R:**

For all types of rock drills, air hammers and other pneumatic tools. Available in SAE 10W, Part No. L0847-, and 30, Part No. L0848-, with the lighter weight oil for cold weather conditions. Use SPO-255 for SAE 50 rock drill oil. Available in jugs, pails, 1/4 drums and drums. See packaging section on page 7 for more information and package part number suffix.

### **Chain & Cable Fluid / Chain & Cable Heavy:**

Superior penetrating oils that clean and lubricate without gumming. Ideal for wire rope, chains, cables, hinges, springs, slides and other moving metal parts. Protects bright work. Excellent oils to loosen rusty nuts and bolts. Ideal for tapping and drilling. Part Nos. L0135- and L0136-. Available in jugs, pails, 1/4 drums and drums.

## Heavy-Duty Spray Lubricants

**Chain & Cable Fluid - Penetrating Oil:** A superior, cleansing, non-gumming penetrating oil for wire rope, chains, cables and general lubrication. Prevents rust and corrosion and protects brightwork. Loosens rusty nuts and bolts. Excellent drilling, tapping, and sawing oil. 11 OZ. / 311.8 g. spray can. Part No. L0135-063.

**Gear Shield Extra Heavy:** Developed for easy lubrication of open gears. A tough, tacky grease. Excellent for fifth wheel applications. Packed in handy 11 OZ. / 311.8 g. spray can. Part No. L0152-063.



## Heavy-Duty Motor Oils / Transmission Fluids

### **Super GPO Heavy-Duty Motor Oils:**

Designed for naturally aspirated and turbo-charged diesel, gasoline and LP gas engines. Ideal for mixed fleets, heavy equipment, trucks and automobiles. API service CJ-4, CF-4 (15W-40 & 10W-30), CF, CF-2, CE, CD, SH, SJ, MIL-L-2104G and MIL-L-46152E. SAE 30, Pt. No. L0749-, SAE 40, Pt. No. L0752-, SAE 10W-30, Pt. No. L0754-, SAE 15W-40, Pt. No. L0755-.

### **DEXRON III / MERCON Automatic Transmission Fluid:**

Recommended and approved for all General Motors, Chrysler, and Ford (1989 and Newer) or anywhere Dexron and Ford Mercon Fluids are specified. Product Part No. L0867-.

### **Hydraulic-Transmission Fluid Type UTF:**

For heavy-duty equipment where UTF type fluids are required. Pt. No. L0873-.

# Environmentally Responsible, ECO-Friendly Green Lubricants



Lubriplate's environmentally responsible lubricants have been developed to help reduce the impact on our environment without sacrificing lubricant performance. Their use can also help our customers comply with the ever increasing environmental regulations for equipment operating in environmentally sensitive areas. The chart below lists some of the industry's standards and terms used for environmentally responsible lubricants.



Terminology	Test Method	Requirements / Results
Ultimate Biodegradation (Pw1)	ASTM D-5864	Minimum 60% converted to CO <sub>2</sub> in 28 days or less
Readily Biodegradable (Pw1)	OECD 301B	Minimum 60% converted to CO <sub>2</sub> in 28 days or less
Inherently Biodegradable (Pw2) (Pw3) (Pw4)	ASTM D-5864 or OECD 301B	Min. 60% (Pw2), 40% (Pw3), 20-39% (Pw4) converted to CO <sub>2</sub> in 84 days
Non/Low Acute Toxicity LC-50	US EPA LC-50	Pass

## Bio-Based Series Hydraulic Oils: Ultimately Biodegradable (Pw1), Low Toxicity (LC-50), Vegetable-Based Oils.

For use in hydraulic systems where low toxicity and biodegradability properties are required. A zinc-free additive system delivers exceptional anti-wear, anti-rust, anti-foam and demulsibility properties. They meet ASTM D-5864 (Pw1) U.S. EPA and U.S. Fish and Wildlife requirements (LC50).

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	ISO GRADE	AGMA NO.	SAE GEAR OIL NO.	SAE NO.	VISCOSITY cSt @40°C / 100°C	VISCOSITY INDEX	FLASH POINT	FIRE POINT	POUR POINT
BIO-BASED 32	L1050-	32	-	-	10	31 / 7	184	457°F / 236°C	500°F / 260°C	-40°F / -40°C
BIO-BASED 46	L1051-	46	1	75W	20	44 / 10	199	469°F / 243°C	514°F / 268°C	-40°F / -40°C
BIO-BASED 68	L1052-	68	2	80W	20	64 / 13	198	484°F / 251°C	525°F / 274°C	-38°F / -39°C

\*Bio-Based Series Hydraulic Oils are available in Pails and Drums. See page 7 for more information and package part number suffix.

## Marine-Safe Hydraulic Oils: Inherently Biodegradable, Non-Toxic to Aquatic Life (LC-50).

Formulated with premium USP white mineral oils and a zinc free anti-wear additive package, these high-performance hydraulic fluids meet or exceed the performance requirements of most types of hydraulic equipment while providing an additional level of environmental safety. Lubriplate Marine-Safe Hydraulic Oils are non-toxic to aquatic life, exceeding U.S. EPA LC50 and U.S. Fish and Wildlife requirements. These Inherently Biodegradable Oils also pass the U.S. Coast Guard Static Sheen Test Requirements. They meet the service requirements of Vickers, Racine, Denison HF-0, HF-2 and Cincinnati Milacron P-68, P-69 and P-70. They offer excellent oxidation stability and extended fluid change intervals.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	ISO GRADE	AGMA NO.	SAE GEAR OIL NO.	SAE NO.	VISCOSITY cSt @40°C / 100°C	VISCOSITY INDEX	FLASH POINT	FIRE POINT	POUR POINT
Marine-Safe 32	L0822-	32	-	-	10	33 / 6	110	395°F / 202°C	455°F / 235°C	-45°F / -43°C
Marine-Safe 46	L0823-	46	1	75W	20	44 / 7	108	425°F / 218°C	470°F / 243°C	-35°F / -37°C
Marine-Safe 68	L0824-	68	2	80W	20	68 / 9	104	445°F / 229°C	520°F / 271°C	-20°F / -29°C

\*Marine-Safe 32 through 68 is available in 5 Gallon Pails and 55 Gallon Drums. See page 7 for more information and package part number suffix.

## UTF-Bio-Based/Green: Ultimately Biodegradable (Pw1), Vegetable-Based, Universal Tractor Fluid.

An ultimately biodegradable (Pw1), vegetable-based fluid, designed for use in heavy-duty equipment where UTF type fluids are required. Meets the requirements of API GL-4 and most OEMs including: John Deere's Hygard, J20-C, J14A, Quantrol™ J20D, Allison C-3 and C-4, Cat TO-2, Case, Ford, Massey-Ferguson White Farm, Kubota, Steiger and others.

LUBRIPLATE PRODUCT	*PRODUCT PART NO.	ISO GRADE	AGMA NO.	SAE GEAR OIL NO.	SAE NO.	VISCOSITY cSt @40°C / 100°C	VISCOSITY INDEX	FLASH POINT	FIRE POINT	POUR POINT
UTF-BIO-BASED/GREEN	L1072-	46	1	75W	20	48 - 10	210	484°F / 251°C	-	-38°F / -39°C

\*UTF-Bio-Based/Green is available in 5 Gallon Pails and 55 Gallon Drums. See page 7 for more information and package part number suffix.

## Biodegradable Penetrating Oil Multi-Purpose Lubricating Fluid: ECO-Friendly, Biodegradable, Vegetable-Based, Multi-Purpose Spray Lubricant.

An environmentally friendly, biodegradable, bio-based, lubricating oil for general lubrication of hinges, locks, latches, slides, chains, cables or anywhere metal contacts metal. Ideal for cars, boats, bicycles, garden equipment, guns, tools, office equipment, garage doors, farm equipment and golf courses. Provides a long lasting protective film that prevents friction, wear, rust and corrosion. Excellent moisture displacement properties.

Available in 11 OZ. / 312 g. spray can, Part No. L0721-063. and in 14 OZ. / 414 ml.

non-aerosol, hand pump, spray bottle. Part No. L0721-067.



# Packaging Containers

The chart below indicates Lubriplate's packaging availability and the corresponding Package Part Number Suffix.

**Part Numbers** - Add the desired Package Part Number Suffix, shown here, to the end of the Product Part Number. Product Part Numbers can be found on the product specification charts found on the previous pages.

**Not all products are available in every package size.**

See package availability for each product at the bottom of the product specification charts.

PRODUCT / PACKAGE PART NO. SUFFIX	CARTRIDGES** 14.5 OZ. / 411 g 40 CT. CASE	JUG 1 GAL / 3.79 L 7 LB / 3.18 kg	PAIL 35 LB / 15.9 kg 5 GAL / 18.9 L	QTR. DRUM 120 LB / 54 kg 16 GAL / 60.5 L	FULL DRUMS 400 LB / 181 kg 55 GAL / 208 L
Grease Products*	-098	-	-035	-039	-040
Gear Oils*	-	-007	-035	-039	-040
Hydraulic Oils / Fluids	-	-057	-060	-061	-062
Specialty Oils/Fluids	-	-057	-060	-061	-062
Spray Lubricants	See product description for packaging information on spray lubricants.				



\*Items Sold By Weight. Other items sold by volume.

\*\*GEAR SHIELD EXTRA HEAVY is available in 10 1/2 OZ. / 297g caulk type cartridges, Part No. L0152-000.

## Perma Automatic Lubricators Pre-Filled with Lubriplate Lubricants

Perma automatic lubricators provide clean, safe, reliable and consistent equipment lubrication around the clock. They are fully programmable and deliver the right amount of lubricant consistently, day after day, week after week. A wide range of types and sizes are available to meet your exact needs. All come pre-filled, ready to install.

**Only select products are available in Perma Lubricators.**  
**Check the bottom of chart for product availability.**

**Part Numbers** - Add the desired Perma Package Part Number Suffix listed on the chart to the end of the desired Lubriplate Product Part Number.



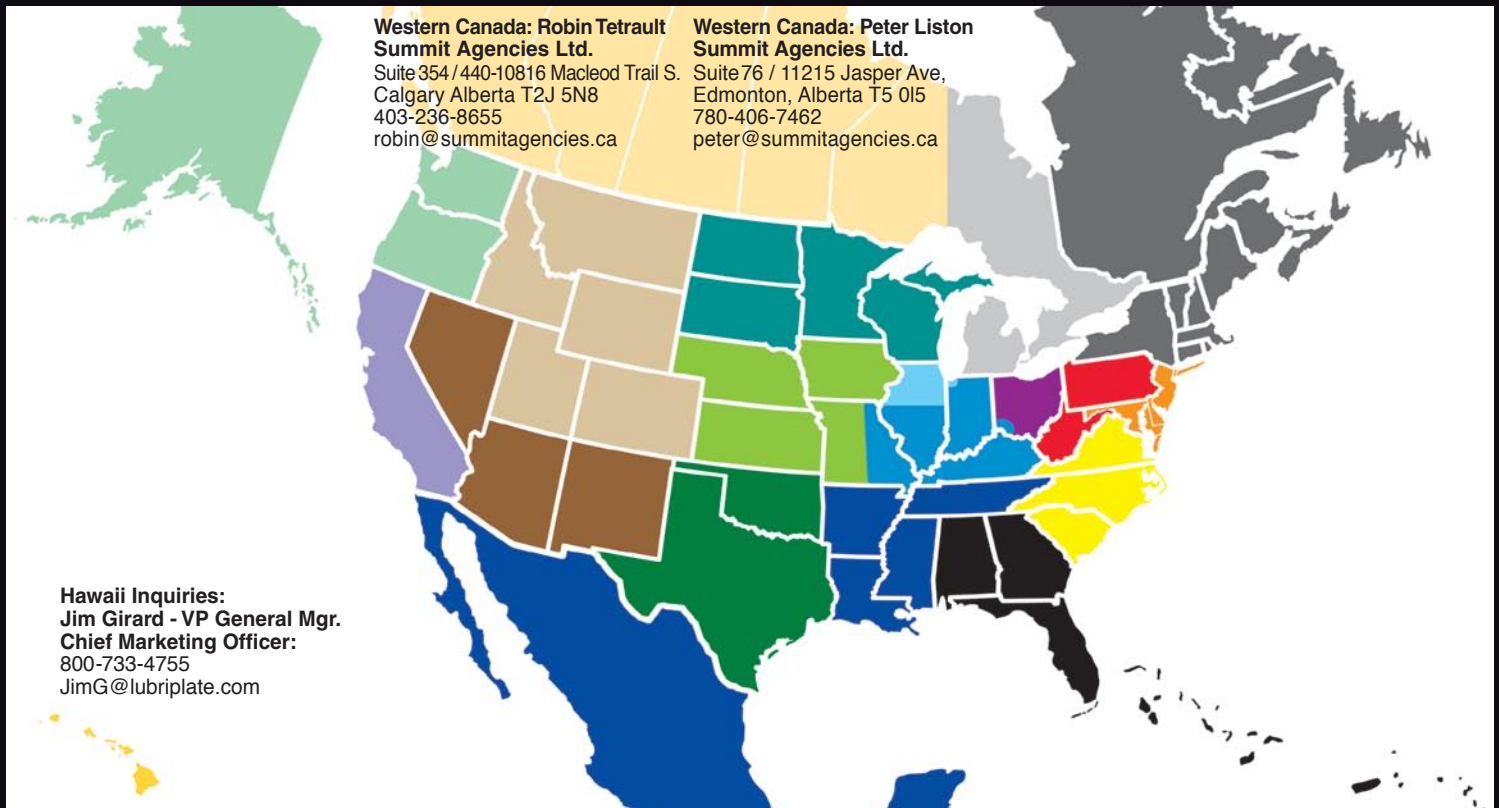
PERMA MODEL	VOLUME SIZE	OUTPUT RATE	PRESSURE BUILD-UP	FEATURES / DETAILS	PERMA PACKAGE PART NO. SUFFIX
CLASSIC	120 cc	1 Month	65 PSI	Metal Housing	-101
CLASSIC	120 cc	3 Month	65 PSI	Metal Housing	-103
CLASSIC	120 cc	6 Month	65 PSI	Metal Housing	-106
CLASSIC	120 cc	12 Month	65 PSI	Metal Housing	-112
FROST	120 cc	1 Month	65 PSI	Metal Housing, For Cold Temperature Applications	-301
FROST	120 cc	3 Month	65 PSI	Metal Housing, For Cold Temperature Applications	-303
FUTURA	120 cc	1 Month	65 PSI	Transparent Plastic Housing	-201
FUTURA	120 cc	3 Month	65 PSI	Transparent Plastic Housing	-203
FUTURA	120 cc	6 Month	65 PSI	Transparent Plastic Housing	-206
FUTURA	120 cc	12 Month	65 PSI	Transparent Plastic Housing	-212
NOVA	130 cc	Programmable Electronic Unit	90 PSI	LCD Display, Integrated Temperature Compensation	-130
NOVA LC REFILL KIT	130 cc	-	-	Refill Kit - Includes Pre-Filled NOVA LC Unit	-131
STAR VARIO	60 cc	1, 3, 6, 12 Mo. Programmable	75 PSI	Battery Operated	-460
STAR VARIO	120 cc	1, 3, 6, 12 Mo. Programmable	75 PSI	Battery Operated	-412
STAR VARIO	250 cc	1, 3, 6, 12 Mo. Programmable	75 PSI	Battery Operated	-425
STAR CONTROL	60 cc	Based on 100 Machine Hours	75 PSI	PLC Controlled / 12-30 Volts DC	-560
STAR CONTROL	120 cc	Based on 100 Machine Hours	75 PSI	PLC Controlled / 12-30 Volts DC	-512
STAR CONTROL	250 cc	Based on 100 Machine Hours	75 PSI	PLC Controlled / 12-30 Volts DC	-525
STAR LC REFILL KIT	60 cc	-	-	Refill Kit - Includes Pre-Filled LC Unit - Battery Pack	-660
STAR LC REFILL KIT	120 cc	-	-	Refill Kit - Includes Pre-Filled LC Unit - Battery Pack	-612
STAR LC REFILL KIT	250 cc	-	-	Refill Kit - Includes Pre-Filled LC Unit - Battery Pack	-625
PRO	250 cc	1 Day to 24 Mo. Programmable	360 PSI	Battery Operated	-725
PRO	500 cc	1 Day to 24 Mo. Programmable	360 PSI	Battery Operated	-750
PRO MP-6	250 cc	1 Day to 24 Mo. Programmable	360 PSI	Battery Operated, 1-6 Lubrication Points	-726
PRO MP-6	500 cc	1 Day to 24 Mo. Programmable	360 PSI	Battery Operated, 1-6 Lubrication Points	-756
PRO C	250 cc	Based on 100 Machine Hours	360 PSI	PLC Controlled / 12-30 Volts DC	-825
PRO C	500 cc	Based on 100 Machine Hours	360 PSI	PLC Controlled / 12-30 Volts DC	-850
PRO C MP-6	250 cc	Based on 100 Machine Hours	360 PSI	PLC Controlled / 12-30 Volts DC, 1-6 Lubrication Points	-826
PRO C MP-6	500 cc	Based on 100 Machine Hours	360 PSI	PLC Controlled / 12-30 Volts DC, 1-6 Lubrication Points	-856
PRO LV REFILL KIT	250 cc	-	-	Refill Kit - Includes Pre-Filled LV Unit - Battery Pack	-925
PRO LV REFILL KIT	500 cc	-	-	Refill Kit - Includes Pre-Filled LV Unit - Battery Pack	-950

### LUBRIPLATE HEAVY-DUTY LUBRICANTS AVAILABLE IN PERMA LUBRICATORS

GREASES - No. 176 Pt. No. L0054-, 1240 Pt. No. L0105-, 1241 Pt. No. L0104-, 1242 Pt. No. L0106-, 1444 Pt. No. L0227-, SYN-3001 Pt. No. L0315-, 3000 Pt. No. L0108-  
OILS - CHAIN & CABLE FLUID Pt. No. L0135-, CHAIN & CABLE HEAVY Pt. No. L0136-,

\*\*Lubriplate Oils and Fluids are not available in Perma PRO Series Lubricators.

# District Managers and Specialists



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- |  |  |   |  |   |
|--|--|---|--|---|
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