

# Guide To Lubriplate® High-Performance Compressor Fluids



**Syn Lube Series**  
Polyalphaolefin-Based Fluids

**SynXtreme AC Series**  
Polyolester-Based Fluids

**Syncool**  
Polyglycolester-Based Fluid

**Synac Series**  
Diester-Based Fluids

**SFGO Ultra Series**  
NSF H1 Class, Food Grade Fluids

**Syncool FG**  
NSF H1 Class, Food Grade Fluid

**AC Series**  
Petroleum-Based Fluids

**Turbine Oil 32**  
Petroleum-Based Fluid

**Natural Gas Compressor Fluids**

**Vacuum Pump Oils**

**Refrigeration Compressor Fluids**

**Cleaning and Flushing Fluids**



*The Effective Alternative to OEM Compressor Fluids*

**Lubriplate® Lubricants**

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## ■ Complimentary Value Added Services Offered



### 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 (see back cover for listing) or your local distributor representative for complete technical support.



### Complete Plant Surveys and Lubricant Inventory Consolidation

Complete plant 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, Machinery Tags

Customized with your company logo, these color coded machinery tags help prevent lubricant misapplication and ensure that the proper lubricant is used when servicing a particular piece of equipment. Based on a complete plant survey, tags can be provided for each piece of equipment in your plant.



### 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 your entire plant. Contact Dan Moroses (Newark office) 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.



### In Plant User Lubrication Training and Distributor Training

We offer training programs tailored to fit your needs. These educational training sessions focus on all facets of machinery 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. Our Online Training Program is available at: <http://www.lubriplate.com/Training-Videos/Lubrication-BasicTraining.aspx>

# ■ Features and Benefits of Lubriplate Compressor Fluids



Thank you for your interest in Lubriplate Compressor Fluids. For 146 years our Company has manufactured and sold only the highest quality lubricants to all types of industry. Our complete line of Compressor Fluids is formulated using only high quality base stocks, combined with unique, premium additives designed to deliver unsurpassed performance in all types of compressors. Lubriplate Compressor Fluids meet and exceed the performance specifications of most compressor manufacturers and provide an effective alternative to OEM Compressor Fluids.



Lubriplate Compressor Fluids are manufactured under strict ISO 9001 registered quality assurance standards.



| FEATURES                                  | BENEFITS  |
|---|---|
| Advanced High-Performance Formulations    | Long compressor life; decreased wear; reduced power consumption; extended fluid change intervals. |
| High Viscosity Indexes and Aniline Points | Provides stable viscosities over wide operating temperature range. Extends seal life.             |
| Excellent Demulsibility                   | Allows for easy draining of water from reservoir, helping prevent all its negative effects.       |
| Available NSF H1 Food Grade Fluids        | Assures compliance with USDA / FDA guidelines and HACCP programs in food processing plants.       |
| Multifunctional Use Fluids                | Reduces, consolidates and simplifies lubricant inventories and reduces lubricant misapplication.  |
| No-Charge Fluid Monitoring / Analysis     | Helps determine lubricant and /or compressor condition and corrective measures needed.            |

## ■ OEM / Lubriplate Fluid Interchange / Crossover Recommendations

| ATLAS-COPCO                         | LUBRIPLATE            | GARDNER DENVER          | LUBRIPLATE               | INGERSOLL-RAND         | LUBRIPLATE               |
|-------------------------------------|-----------------------|-------------------------|--------------------------|------------------------|--------------------------|
| GA-8K                               | Syn Lube 46           | AEON 9000 SP            | Syn Lube 46              | XHP-505                | Syn Lube 68              |
| HD Roto Fluid or HD Roto Fluid Plus | Syn Lube 46           | AEON 9000 TH            | Syn Lube 68              | XL-T-30                | Syn Lube 100             |
| Roto Extend                         | Syn Lube 46           | AEON PD                 | Syn Lube 220             | SL-200 (for oil free)  | AC-1                     |
| Roto Z                              | Syn Lube 68           | AEON PD-XD              | Syn Lube 320             | SSR Ultra Coolant      | Syncool or Syncool FG*   |
| Roto Injection Fluid                | AC-1                  | AEON PD FG              | SFGO Ultra 220*          | SSR Ultra Plus Coolant | SynXtreme AC-32          |
| GA-4K                               | AC-1                  | AEON PG                 | Syncool or Syncool FG*   | Techrol Gold           | Syncool or Syncool FG*   |
| GA-OK                               | Synac 32              | AEON 2000               | AC-1                     | Original SSR Coolant   | Synac 68                 |
| GA-FG                               | SFGO Ultra 32*        | AEON 4000               | AC-1                     | XL-700                 | Synac 100                |
| Paroil M                            | Syn Lube 46           | AEON 500                | AC-2A                    | XL-740 HT              | Synac 150                |
| COMPAIR                             | LUBRIPLATE            | AEON AC-HC              | AC-2A                    | T-30 Select            | Synac 100                |
| Hydrovane 2000                      | Synac 100             | AEON CL                 | Synac 46                 | SSR H-1 F              | SFGO Ultra 32*           |
| CN 300                              | Synac 100             | AEON AC-SY              | Synac 100                | FG Coolant             | SFGO Ultra 46*           |
| CS 100                              | Synac 32              | AEON 5000               | Synac 100                | PALATEK                | LUBRIPLATE               |
| CS 500 XL                           | Synac 46              | AEON 6000 FG            | SFGO Ultra 46*           | Palasyn 45             | Syn Lube 46              |
| CS 5000 XL                          | Synac 68              | AEON-AC-FG              | SFGO Ultra 100*          | Pallube 32             | Syncool or Syncool FG*   |
| CS 200                              | Synac 68              | AEON B-30               | SFGO Ultra 100*          | Palatek AFX 32         | SynXtreme AC-32          |
| CS 300                              | Synac 100             | AEON B-40               | SFGO Ultra 150*          | Palaextra              | SynXtreme AC-46          |
| CS 400                              | Synac 150             | LEROI                   | LUBRIPLATE               | Palatek Food Grade 32  | SFGO Ultra 32*           |
| CSX 20                              | SFGO Ultra 46*        | SSL-46 or SSL-46 Plus   | Syn Lube 46              | QUINCY                 | LUBRIPLATE               |
| KAESER                              | LUBRIPLATE            | SSL-32                  | AC-0                     | Quincy PG Ester 46     | Syncool or Syncool FG*   |
| Sigma 8000 S-320                    | Syn Lube 32           | SSL-38                  | AC-1                     | QuinSyn PG             | Syncool or Syncool FG*   |
| Sigma 8000 S-460                    | Syn Lube 46           | SSL-50 (Semi-Synthetic) | AC-1 or Syn Lube 46      | QuinSyn                | Syn Lube 46              |
| Sigma 8000 S-680                    | Syn Lube 68           | SSL-CN SAE 30           | AC-2                     | QuinSyn Plus           | Syn Lube 46              |
| Sigma 4000 M-460 (Semi-Synthetic)   | AC-1 or Syn Lube 46   | SSL-46 FG               | SFGO Ultra 46*           | QuinSyn Edge           | SynXtreme AC-46          |
| Sigma 4000 M-100 (Semi-Synthetic)   | AC-2A or Syn Lube 100 | Cleaner                 | Synflush or Synflush FG* | QuinSyn HP             | SynXtreme AC-46          |
| Sigma 4000 M-150 (Semi-Synthetic)   | AC-3 or Syn Lube 150  | SULLAIR                 | LUBRIPLATE               | QuinSyn Endure         | SynXtreme AC-46          |
| 325 R                               | Synac 32              | LLL-4-32                | Syn Lube 32              | QuinSyn XP             | SynXtreme AC-68          |
| 466 R                               | Synac 46              | LLL-4-46                | Syn Lube 46              | QuinSyn Flex           | Synac 46                 |
| 687 R                               | Synac 68              | LLL-4-100               | Syn Lube 100             | QuinSyn FG             | SFGO Ultra 46*           |
| Sigma 8000 S-100                    | Synac 100             | LLL-4-150               | Syn Lube 150             | QuinSyn FG-46          | SFGO Ultra 46*           |
| Sigma 8000 S-150                    | Synac 150             | SRF 2-8000              | Syn Lube 32              | QuinSyn Flushing Oil   | Synflush or Synflush FG* |
| 150P                                | AC-2A                 | Sullube                 | Syncool or Syncool FG*   | CURTIS TOLEDO          | LUBRIPLATE               |
| 175 P                               | AC-3                  | Sullair AW F 32         | AC-0                     | RS 12,000              | SynXtreme AC-46          |
| Sigma 8000 FG                       | SFGO Ultra 46*        | SRF-1/4000              | AC-1                     | RS-4000 FG             | SFGO Ultra 46*           |

■ Synthetic Based Product ■ Petroleum Based Product

\*NSF H1 Registered (Food Machinery Grade)

## Synthetic Air Compressor Fluids

### Syn Lube 22 - 100:

Polyalphaolefin (PAO)-Based, 100% Synthetic Fluids.

These polyalphaolefin (PAO)-based, zinc-free, synthetic air compressor fluids are recommended for rotary screw and rotary vane air compressors. They are also recommended for centrifugal air compressors striving for lower power consumption. They offer superior thermal and oxidation stability, outstanding water demulsibility, extremely low pour points, very high viscosity indexes, superior heat transfer characteristics and excellent seal material compatibility. Fluid drain intervals are 6 - 8,000 hours under normal conditions.



| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| SYN LUBE 22        | L0968-            | 22        | 5W      | 23 / 5                      | 129 / 44                     | 138             | 420°F / 216°C | 470°F / 243°C | -70°F / -57°C |
| SYN LUBE 32        | L0970-            | 32        | 10      | 32 / 6                      | 160 / 47                     | 136             | 470°F / 243°C | 505°F / 263°C | -70°F / -57°C |
| SYN LUBE 46        | L0971-            | 46        | 20      | 44 / 8                      | 223 / 52                     | 138             | 485°F / 250°C | 550°F / 288°C | -65°F / -54°C |
| SYN LUBE 68        | L0972-            | 68        | 20      | 66 / 10                     | 314 / 58                     | 138             | 515°F / 267°C | 580°F / 304°C | -60°F / -51°C |
| SYN LUBE 100       | L0973-            | 100       | 30      | 110 / 15                    | 523 / 66                     | 142             | 530°F / 277°C | 590°F / 310°C | -55°F / -48°C |

\*Syn Lube Fluids 22 through 100 are available in Pails, Drums and Bulk Bins. Syn Lube 46 is also available in Jugs. See page 7 for more information and package part number suffix.

### SynXtreme AC Series:

Polyolester (POE)-Based, Biodegradable (Pw1), 100% Synthetic Compressor Fluids. 

These state-of-the-art, polyolester (POE) type, 100% synthetic fluids are designed for maximum performance in rotary screw and vane type air compressors. Special advanced POE base esters combined with a multi-charged additive system produce unmatched oxidative stability, enhanced hydrolytic stability and excellent wear and corrosion protection. Potential for fluid drain intervals of +10,000 hours. Readily biodegradable (Meets OECD criteria) >70% biodegradation (Pw1).

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|------------|---------------|
| SYNXTREME AC 32    | L0939-            | 32        | 10      | 32 / 6                      | -                            | 125             | 525°F / 274°C | -          | -51°F / -46°C |
| SYNXTREME AC 46    | L0940-            | 46        | 20      | 46 / 7                      | -                            | 117             | 527°F / 275°C | -          | -40°F / -40°C |
| SYNXTREME AC 68    | L0941-            | 68        | 20      | 66 / 9                      | -                            | 103             | 530°F / 277°C | -          | -20°F / -29°C |

\*SynXtreme AC Series Fluids are available in Pails, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

### Synac Series:

Diester-Based, 100% Synthetic Compressor Fluids.

These diester-based synthetic air compressor fluids are for rotary screw, rotary vane, reciprocating air compressors, vacuum pumps, blowers, centrifuges and a multitude of other high temperature applications. They are outstanding for applications in which the fluid is subjected to high temperature and high stress conditions over extended drain intervals up to 8,000 hours. They eliminate sludge and varnish buildup caused by high operating temperatures. Due to their clean natural detergency characteristics, they are ideal for upper cylinder lubrication of reciprocating air compressors.

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| SYNAC 32           | L0932-            | 32        | 10      | 31 / 6                      | 155 / 46                     | 135             | 450°F / 232°C | 530°F / 277°C | -45°F / -43°C |
| SYNAC 46           | L0933-            | 46        | 20      | 44 / 7                      | 213 / 49                     | 118             | 455°F / 235°C | 535°F / 279°C | -35°F / -37°C |
| SYNAC 68           | L0934-            | 68        | 20      | 64 / 8                      | 311 / 53                     | 98              | 455°F / 235°C | 535°F / 279°C | -20°F / -29°C |
| SYNAC 100          | L0935-            | 100       | 30      | 100 / 10                    | 510 / 60                     | 76              | 450°F / 232°C | 530°F / 277°C | -15°F / -26°C |
| SYNAC 150          | L0936-            | 150       | 40      | 147 / 13                    | 754 / 71                     | 71              | 540°F / 282°C | 570°F / 299°C | -25°F / -32°C |
| SYNAC 220          | L0937-            | 220       | -       | 201 / 16                    | 1003 / 83                    | 74              | 545°F / 285°C | 575°F / 302°C | -20°F / -29°C |
| SYNAC 320          | L0938-            | 320       | -       | 290 / 20                    | 1496 / 99                    | 77              | 475°F / 246°C | 505°F / 263°C | -5°F / -20°C  |

\*Synac Series Fluids are available in Pails, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

### Syncool:

Polyglycol/Ester-Based, Readily Biodegradable (Pw1), Synthetic Air Compressor Fluid. 

A high-performance, readily biodegradable, synthetic air compressor fluid developed to meet the needs of most rotary screw and rotary vane air compressors where high operating temperatures are present and environmental issues are a concern. Readily biodegradable (Meets OECD criteria) >70% biodegradation (Pw1). Excellent thermal and oxidation stability helps eliminate harmful deposits and extends fluid change intervals.

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| SYNCOOL            | L0964-            | 32 / 46   | 10      | 41 / 8                      | -                            | 172             | 530°F / 277°C | 595°F / 313°C | -40°F / -40°C |

\*Syncool Fluid is available in Pails, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

## SFGO Ultra 22 - 100: NSF H1 Registered, Food Machinery Grade, 100% Synthetic Air Compressor Fluids.

These polyalphaolefin (PAO)-based synthetic fluids are manufactured with ingredients that comply with FDA regulation 21 CFR 178.3570 for lubricants with incidental food contact. They are designed for oil-flooded rotary screw, rotary vane and reciprocating air compressors. They are outstanding lubricants for applications in which the fluid must undergo high temperature and high stress conditions over extended drain intervals.

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| SFGO Ultra-22      | L0931-            | 22        | 5W      | 20 / 4                      | 106 / 41                     | 128             | 405°F / 207°C | 430°F / 221°C | -65°F / -54°C |
| SFGO Ultra-32      | L0915-            | 32        | 10      | 30 / 6                      | 160 / 46                     | 135             | 475°F / 246°C | 515°F / 268°C | -58°F / -50°C |
| SFGO Ultra-46      | L0916-            | 46        | 20      | 50 / 8                      | 220 / 52                     | 134             | 480°F / 249°C | 520°F / 271°C | -45°F / -43°C |
| SFGO Ultra-68      | L0917-            | 68        | 20      | 67 / 10                     | 325 / 59                     | 141             | 495°F / 257°C | 530°F / 277°C | -45°F / -43°C |
| SFGO Ultra-100     | L0983-            | 100       | 30      | 98 / 14                     | 556 / 77                     | 145             | 485°F / 252°C | 520°F / 271°C | -43°F / -42°C |

\*SFGO Ultra Fluids are available in Jugs, Pails, 1/4 Drums, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

## Syncool FG: NSF H1 Registered, 100% Synthetic, Polyglycolester (PGE) Air Compressor Fluid.

Recommended for use in high performance rotary screw and rotary vane air compressors where high operating temperatures are present. State of the art additives enhance its inherent outstanding performance characteristics. Readily biodegradable. NSF H1 registered, food machinery grade.

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| SYNCOOL FG         | L0963-            | 46        | 20      | 41 / 10                     | -                            | 178             | 530°F / 277°C | 595°F / 313°C | -45°F / -43°C |

\*Syncool FG Fluid is available in Jugs, Pails, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

## ■ Petroleum-Based Air Compressor Oils

### AC Series: Petroleum-Based, Anti-Wear Fortified Compressor Oils.

These high quality, petroleum-based air compressor oils are especially formulated to reduce carbon and varnish buildup. Formulated with fluid zinc to effectively fight friction and wear, thus reducing heat and foaming. Available in six ISO grades.

### Turbine Oil 32: Petroleum-Based Oil For Centrifugal Air Compressors.

This high-performance, zinc-free fluid meets the requirements of most centrifugal air compressors. Provides excellent oxidation resistance.

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| AC-0               | L0704-            | 32        | 10      | 29 / 5                      | 137 / 43                     | 116             | 425°F / 218°C | 460°F / 238°C | -35°F / -37°C |
| AC-1               | L0705-            | 46        | 20      | 42 / 7                      | 196 / 47                     | 104             | 470°F / 243°C | 505°F / 263°C | -30°F / -34°C |
| AC-2               | L0706-            | 68        | 20      | 74 / 9                      | 336 / 57                     | 104             | 500°F / 260°C | 535°F / 279°C | -15°F / -26°C |
| AC-2A              | L0707-            | 100       | 30      | 94 / 11                     | 430 / 63                     | 101             | 505°F / 263°C | 550°F / 289°C | -10°F / -23°C |
| AC-3               | L0708-            | 150       | 40      | 135 / 14                    | 690 / 75                     | 102             | 460°F / 238°C | 510°F / 266°C | -10°F / -23°C |
| AC-4               | L0710-            | 220       | 40      | 205 / 18                    | 950 / 83                     | 95              | 495°F / 275°C | 545°F / 285°C | 0°F / -18°C   |

\*AC Series Air Compressor Oils are available in Bottles, Jugs, Pails, 1/4 Drums & Drums, See page 26 for more information and package part number suffix.

\*Turbine Oil 32 is available in Drums. See page 26 for more information and the package part number suffix.

## ■ Natural Gas Compressor Fluids

### 981: Synthetic Natural Gas Compressor Lubricant.

Formulated for use in hyper-compressors and natural gas reinjection applications. It may also be used as a cylinder lubricant for reciprocating compressors processing natural gas, carbon dioxide and other gases that require chemical resistance in an ISO 100 viscosity grade.

### 989: Synthetic Natural Gas Compressor Lubricant.

Designed for the lubrication of flooded rotary screw and vane-type compressors processing natural gas, carbon dioxide or other hydrocarbon gases. It may also be used as a cylinder lubricant for reciprocating compressors processing natural gas, carbon dioxide and other gases that require chemical resistance in an ISO 150 viscosity grade.

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| 981                | L1009-            | 100       | 30      | 84 / 17                     | -                            | 218             | 527°F / 275°C | -             | -49°F / -45°C |
| 989                | L1010-            | 150       | 40      | 138 / 24                    | -                            | 224             | 473°F / 245°C | 518°F / 270°C | -43°F / -42°C |

\*981 and 989 are available in Pails, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

## ■ Refrigeration Compressor Fluids

### 68-P: Semi-Synthetic-Based, Refrigeration Compressor Fluid.

This highly refined lubricant is formulated for use in refrigeration compressor systems utilizing ammonia, CFC (chlorofluorocarbon) and HCFC (hydrochlorofluorocarbon) refrigerants, such as R-717, R-11, R-12, R-13, R-113, R-114, R-115, R-22, R-123, R-141b, R-142b, R-500, R-501 and R-502. It is not recommended for use with HFC (hydrofluorocarbon) refrigerants such as HFC-134a (R-134a).

### 68-N: Naphthenic Refrigeration Compressor Fluid.

A highly refined naphthenic lubricant formulated for use in refrigeration compressor systems utilizing ammonia, CFC (chlorofluorocarbon) and HCFC (hydrochlorofluorocarbon) refrigerants, such as R-717, R-11, R-12, R-13, R-113, R-114, R-115, R-22, R-123, R-141b, R-142b, R-500, R-501 and R-502. It is not recommended for use with HFC (hydrofluorocarbon) refrigerants such as HFC-134a (R-134a).

### RCO-68FG: NSF H1 Food Grade, Polyalphaolefin (PAO)-Based, Synthetic, Refrigeration Compressor Fluid.

Formulated for use in refrigeration compressor systems where a NSF H-1 Registered, food machinery grade lubricant is required. It is recommended for CFC (chlorofluorocarbon) and HCFC (hydrochlorofluorocarbon) refrigerants such as R-717, R-11, R-12, R-13, R-113, R-114, R-115, R-22, R-123, R-141b, R-500, R-501 and R-502 or where ammonia is used as the coolant. It is not recommended for use with HFC (hydrofluorocarbon) refrigerants such as HFC-134a. High performance formulation provides extended service life while minimizing the formation of harmful varnish and sludge deposits.

| LUBRIPLATE PRODUCT | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|--------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| 68-P               | L0843-            | 68        | 20      | 63 / 9                      | 315 / 42                     | 106             | 468°F / 242°C | 510°F / 266°C | -38°F / -39°C |
| 68-N               | L0842-            | 68        | 20      | 65 / 7                      | 330 / 48                     | 28              | 385°F / 196°C | 435°F / 224°C | -35°F / -37°C |
| RCO-68 FG          | L0818-            | 68        | 30      | 62 / 10                     | 325 / 59                     | 142             | 390°F / 199°C | 545°F / 285°C | -60°F / -51°C |

\*68-P, 68-N and RCO-68 FG are available in Pails, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

## ■ Vacuum Pump Oils

### Vacuum Pump Oil & Vacuum Pump Oil Light:

High performance, non-detergent mineral oils recommended for most rotary vane and rotary lobe vacuum pumps. They are designed to alleviate the sludge, carbon deposits and contamination problems commonly found in industrial vacuum pumps. Lubriplate Vacuum Pump Oil Light is recommended for vacuum pumps typically associated with delicate instrumentation. Vacuum Pump Oil is SAE-30 / ISO-100 grade. Part No. L0945-. Vacuum Pump Oil Light is SAE-10 / ISO-32 grade. Part No. L0944-. Available in bottles, jugs, pails and drums. See page 26 for more information and package part number suffix.

| LUBRIPLATE PRODUCT  | *PRODUCT PART NO. | ISO GRADE | SAE NO. | VISCOSITY cSt @40°C / 100°C | VISCOSITY SUS @100°F / 210°F | VISCOSITY INDEX | FLASH POINT   | FIRE POINT    | POUR POINT    |
|---------------------|-------------------|-----------|---------|-----------------------------|------------------------------|-----------------|---------------|---------------|---------------|
| Vacuum Pump Oil     | L0945-            | 100       | 30      | 87 / 12                     | 505 / 67                     | 109             | 485°F / 252°C | 530°F / 277°C | -5°F / -21°C  |
| Vacuum Pump Oil Lt. | L0944-            | 32        | 10      | 34 / 6                      | 180 / 47                     | 122             | 425°F / 219°C | 440°F / 227°C | -35°F / -37°C |

\*Lubriplate Vacuum Pump Oils are available in Bottles, Jugs, Pails, Drums and Bulk Bins. See page 7 for more information and package part number suffix.

## ■ Cleaning and Flushing Fluids

### Syn Flush - Cleaning, Flushing, Lubricating Synthetic Fluid:

This premium quality, pure synthetic fluid is designed to clean and dissolve varnish deposits in air compressors while the compressor is in operation. It is compatible with petroleum/mineral oils as well as all Lubriplate Synthetic Compressor Fluids. Recommended for flushing compressors converting from petroleum base oils to synthetic fluids. SYNFLUSH can be used in its pure form in rotary screw air compressors up to 500 hours. Part No. L0962-. Available in bottles, pails, drums and bulk bins. See page 7 for package part number suffix.

**Syn Flush FG:** A 100% synthetic, modern technology product designed to clean various pieces of equipment where a switch from an H-2 to an NSF H1 Registered product is required. Costly downtime can be avoided as it cleans internally without unit tear down. It is compatible with Synthetic Polyalphaolefin, Polyesters, Di-esters, Polyalkylene Glycols (PAGs) as well as mineral based fluids; therefore it may be used when switching from many types of fluids without leaving behind incompatible residue. NSF H1 Registered. Product Part No. L0961-. Available in bottles, pails, drums and bulk bins. See page 7 for package part number suffix.

**Pure Flush:** This NSF H1 Registered, lubricating, flushing and cleansing oil is to be used along with the existing lubricant to clean equipment without dismantling. It can be used to clean and flush bearings, gear cases, hydraulic systems, centralized lubricating systems, air lines, chains and air tools. It is fully compatible with petroleum based lubricants and most petroleum compatible synthetics. Product Part No. L0816-. Available in bottles, jugs, pails, 1/4 drums & drums. See page 7 for package part number suffix.

# ■ Packaging Containers

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

**How To Generate Part Numbers** - Add the desired Package Part Number Suffix, shown here, to the end of the Product Part Number. Product Part Numbers for each product 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.

**Large Bulk Container Bins** - Contact your Lubriplate representative or call 800-733-4755 for information and product availability.



| PRODUCT / PACKAGE<br>AVG. NET WT. / CONTENTS<br>PACKAGE PART NO. SUFFIX | BOTTLES<br>1 QUART / 946 ml<br>2 LB / .907 kg | JUGS<br>1 GAL / 3.79 L<br>7 LB / 3.18 kg | PAIL<br>35 LB / 15.9 kg<br>5 GAL / 18.9 L | QTR DRUM<br>120 LB / 54 kg<br>16 GAL / 60.5 L |
|---|---|--|---|---|
| SYN LUBE SERIES 22 - 100  | -   | -057**                                   | -060                                      | -   |
| SYNXTREME AC SERIES   | -   | -  | -060                                      | -   |
| SYNAC SERIES  | -   | -  | -060                                      | -   |
| SYNCOOL   | -   | -  | -060                                      | -   |
| SFGO ULTRA SERIES NSF H1 REGISTERED FOOD GRADE                          | -   | -057                                     | -060                                      | -061  |
| SYNCOOL FG  | -   | -057                                     | -060                                      | -   |
| AC SERIES   | -054  | -057                                     | -060                                      | -061  |
| TURBINE OIL 32  | -   | -  | -   | -   |
| NATURAL GAS COMPRESSOR FLUIDS   | -   | -  | -060                                      | -   |
| REFRIGERATION COMPRESSOR FLUIDS   | -   | -  | -060                                      | -   |
| VACUUM PUMP OILS  | -054  | -057                                     | -060                                      | -   |
| CLEANING AND FLUSHING FLUIDS  | -054  | -057                                     | -060                                      | -061***                                       |
| <b>PACKAGE SPECIFICATIONS</b>   |   |  |   |   |
| Case Quantity   | 12  | 4  | -   | -   |
| Aprox. Dimensions / Inches  | 13x9.5x9                                      | 14.5x10x10.5                             | 12x15                                     | 15x27   |
| Avg. Gross Shipping Weight  | 26 lbs / 11.8 kg                              | 26 lbs / 11.8 kg                         | 40 lbs / 18.1 kg                          | 134 lbs / 60.8 kg                             |
| *Avg. Gross Shipping Weight   | 27 lbs / 12.3 kg                              | 34 lbs / 15.4 kg                         | 38 lbs / 17.2 kg                          | 134 lbs / 60.8 kg                             |

\*\*Only Syn Lube 46 is available in Jugs. \*\*\*Only Pure Flush is available in 1/4 Drums.



| PRODUCT / PACKAGE<br>AVG. NET WT. / CONTENTS<br>PACKAGE PART NO. SUFFIX | FULL DRUMS<br>420 LB / 191 kg<br>55 GAL / 208 L | SPACEKRAFT BIN<br>2450 LB / 1111 kg<br>330 GAL / 1249 L | POLY JUMBO BIN<br>1810 LB / 821 kg<br>250 GAL / 946 L | POLY JUMBO BIN<br>2520 LB / 1143 kg<br>350 GAL / 1325 L | POLY JUMBO<br>3980 LB / 1805 kg<br>550 GAL / 2082 L |
|---|---|---|---|---|---|
| SYN LUBE SERIES 22 - 100  | -062  | -070  | -059  | -059  | -059  |
| SYNXTREME AC SERIES   | -062  | -070  | -059  | -059  | -059  |
| SYNAC SERIES  | -062  | -070  | -059  | -059  | -059  |
| SYNCOOL   | -062  | -070  | -059  | -059  | -059  |
| SFGO ULTRA SERIES NSF H1 REGISTERED FOOD GRADE                          | -062  | -070  | -059  | -059  | -059  |
| SYNCOOL FG  | -062  | -070  | -059  | -059  | -059  |
| AC SERIES   | -062  | -070  | -059  | -059  | -059  |
| TURBINE OIL 32  | -062  | -070  | -059  | -059  | -059  |
| NATURAL GAS COMPRESSOR FLUIDS   | -062  | -070  | -059  | -059  | -059  |
| REFRIGERATION COMPRESSOR FLUIDS   | -062  | -070  | -059  | -059  | -059  |
| VACUUM PUMP OILS  | -062  | -070  | -059  | -059  | -059  |
| CLEANING AND FLUSHING FLUIDS  | -062  | -070  | -059  | -059  | -059  |
| <b>PACKAGE SPECIFICATIONS</b>   |   |   |   |   |   |
| Aprox. Dimensions / Inches  | 23.5x35   | 48x48x51  | 42x48x50  | 42x48x63.5  | 42x48x86  |
| Avg. Gross Shipping Weight  | 445 lbs / 202 kg                                | 2600 lbs/1179 kg  | 2400 lbs/1089 kg                                      | 3200 lbs/1452 kg  | 4800 lbs/2177 kg                                    |
| *Avg. Gross Shipping Weight   | 465 lbs / 211 kg                                | 2600 lbs/1179 kg  | 2400 lbs/1089 kg                                      | 3200 lbs/1452 kg  | 4800 lbs/2177 kg                                    |

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