

## Synthetic Food Grade Lubricants

# Food Grade Lubricants



Ask your sales representative for information about Summit's full line of lubricants, chemicals and equipment

### Air Compressor

- DSL® Series
- SH® Series
- Lubricant Coolant
- Supra® Coolant & Supra®-32
- Ultima & Ultima 68
- Food Grade Series
- AU-46
- FF Series
- PS Series
- TM Series
- Summit Sierra® Series

### Gears and Bearings

- Syngear SH® 7000 Series
- Syngear Food Grade Series
- Syngear PG Series

### Gears and Bearing Heavy Duty

- Syngear SH® 1000 Series
- Syngear 75W/90 & 80W/140
- Syntenal CD-50 EQ

### Hydraulic

- HySyn Series
- HySyn FR Series
- HySyn Food Grade Series
- Bio-Based EnviroTech Series

### Additional synthetic lubricants for these applications:

Refrigeration Compressors  
Natural Gas Compressors  
Process Gas Compressors  
Chain & Oven Conveyors  
Vacuum Pumps  
Air Tools  
Turbines  
Blowers  
Barrier Fluids  
Heat Transfer Fluids



ISO 9001: 2000 & 14001 Registered

### FOOD SAFETY

- Lubricants designed and manufactured under strict quality standards
- Summit food grade lubricants are NSF registered H1 (acceptable for incidental food contact) and meet the former USDA Requirements for H1 classification.
- Summit has acquired Kosher certification and CFIA registration on many of their food grade products.

### PRODUCT PERFORMANCE

- Prolongs oil service life
- Enhancement of equipment efficiency
- Protects expensive processing equipment to reduce downtime, thus increasing production time
- Protects metal surfaces from corrosion and wear
- Developed to withstand extreme temperatures from freezers to ovens
- Designed for specialized applications
- Withstands harsh environments including large amounts of water and cleaners
- Synthetic Food Grade lubricants perform better than conventional mineral oils by providing lower friction coefficients
- Helps reduce unnecessary downtime for maintenance and repairs
- Reduced risk of cross contamination between Food Grade and Non-Food Grade lubricants
- Cut lubricant and maintenance costs while saving natural resources
- Physiologically safe

### SUMMIT SERVICES

*Each Summit customer receives the following:*

- Free technical services from highly trained staff technicians
- Friendly Customer Service personnel to assist in ordering
- Free Oil Analysis services offered by Summit's in-house laboratory
- Twenty-four hour shipping for most orders

*Summit Industrial Products is recognized as an industry leader in lubricating technology. Summit is a subsidiary of Klüber Lubrication, one of the world's leading manufacturers of specialized high performance greases, oils, pastes and coatings.*

For more information contact:

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**907-770-1850 (24 HR)**

**Innovators in Energy Savings**  
**Design-Sales-Service**



# Summit Synthetic Food Grade & Kosher Products

## Air Compressor - PAO

FG-100 (NSF H1 K, CFIA)  
 FG-200 (NSF H1 K, CFIA)  
 FG-300 (NSF H1 K, CFIA)  
 FG-500 (NSF H1 K, CFIA)

## Hydraulic - PAO

HySyn FG-15 (NSF H1, K)  
 HySyn FG-32 (NSF H1, K)  
 HySyn FG-46 (NSF H1, K)  
 HySyn FG-68 (NSF H1, K)  
 HySyn FG-100 (NSF H1, K)

## Hydraulic-Synthetic Blend

HyPar FG-32 (NSF H1, K)  
 HyPar FG-46 (NSF H1, K)  
 HyPar FG-68 (NSF H1, K)  
 HyPar FG-100 (NSF H1, K)

## Refrigeration - PAO

R-100 (NSF H1, K)  
 R-150 (NSF H1, K)  
 R-200 (NSF H1, K)  
 R-300 (NSF H1, K)

## Gear - PAO

Syngear FG-150 (NSF H1, K, CFIA)  
 Syngear FG-220 (NSF H1, K, CFIA)  
 Syngear FG-320 (NSF H1, K, CFIA)  
 Syngear FG-460 (NSF H1, K)  
 Syngear FG-680 (NSF H1, K)

## Gear - PAG

Syngear PG-150F (NSF H1)  
 Syngear PG-220F (NSF H1)  
 Syngear PG-320F (NSF H1)  
 Syngear PG-460F (NSF H1)  
 Syngear PG-680F (NSF H1)

## Gear - Synthetic Blend

UniPar FG-150 (NSF H1)  
 UniPar FG-220 (NSF H1)  
 UniPar FG-320 (NSF H1)  
 UniPar FG-480 (NSF H1)

## Barrier Fluid - Synthetic

E (NSF H1, K)  
 5 (NSF H1, K)

## Grease - Semi-Synthetic

SumTech FMG-2 (NSF H1)

## Airline - Synthetic Blend

Lubear FG-22 (NSF H1)

## Blower - PAO

SBL-220F (NSF H1, K)  
 SBL-320F (NSF H1, K)

Food Grade Lubricants ~ NSF H1 are suitable for applications in which incidental contact with the product may occur. Summit Food Grade lubricants meet USDA 1998 H-1 guidelines (lubricants with incidental food contact).

NSF A registration program for Proprietary Substances and Nonfood Compounds that incorporates ingredients as listed in the previous FDA 21 CFR (Code of Federal Regulations).

H1 Suitable for applications where incidental contact with the product may occur.  
 K Identifies a product as Kosher certified  
 CFIA Canadian Food Inspection Agency

### FG SERIES

Synthetic lubricant for rotary screw, vane and reciprocating compressors being used in the food industry.

### HYSYN FG SERIES

Synthetic hydraulic lubricants fortified with oxidation/corrosion inhibitors and anti-wear additives for extended life.

### HYPAR FG SERIES

Synthetic blend hydraulic lubricants fortified with oxidation/corrosion inhibitors and anti-wear additives for extended life.

### SYNGEAR FG SERIES

Gear oils fortified with oxidation inhibitors, anti-wear/EP additives to pass the highest stages of the FZG test.

### SYNGEAR PG SERIES

Food grade gear oils are polyglycol based products for use in enclosed gears, bearings, and compressors where conditions demand the unique properties of these fluids.

### UNIPAR SERIES

These synthetic blended food grade gear oils are formulated for the food service and packaging industry. They are fortified with oxidation inhibitors as well as anti-wear/EP additives to pass the highest stages of the FZG test.

### SBL SERIES

Synthetic lubricants for all positive displacement blowers: Roots, Gardner-Denver, Sutorbilt, Duroflow and MD.

### R SERIES

Synthetic hydrocarbon lubricants were developed for severe service conditions and are miscible with petroleum based lubricants. The Summit R Series lubricants have a high viscosity range, contain no paraffin and are compatible with fluorinated refrigerant. (ammonia, methyl chloride and carbon dioxide).

### BARRIER FLUID SERIES

Synthetic lubricants fortified with additives to provide a non-reactive, oxidatively stable fluid for seal service over a wide temperature range. Excellent low temperature fluidity and high temperature stability to efficiently transfer heat and keep the seal face cool.

### SUMTECH FMG-2 GREASE

A semi-synthetic lubricating grease that provides excellent water resistance and a broad operating temperature range. A combination of newly developed additives and dependable NX1 additives provide excellent anti-wear/extreme pressure properties, oxidation resistance, and corrosion prevention.

### LUBEAIR FG-22

A synthetic blended lubricant for pneumatic tools used in the food and packaging industry. Lubear FG-22 contains a special additive package for oxidation stability, low temperature fluidity, and high moisture environments.



Visit us on-line at [www.klsummit.com](http://www.klsummit.com) or

Call 800.749.5823 today

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