SYF-990/HYDROPLUS FG
Synthetic (PAO) oils, suitable for incidental food contact. (NSF Certified, Category H1)

Product Description
SYF-990/ HYDROPLUS FG Synthetic Food Grade Lubricant is a range of non-toxic, mineral hydrocarbon free hydraulic fluids for use within clean environments. The product is approved by NSF International as H1 grade Lubricant. The product meets requirements of USDA H* 21 CFR. (Registered by NSF (Class H1) for use where there is potential for incidental contact with food. These products meet the former guidelines (1998) of the US Department of Agriculture Food Safety and Inspection Service (USDA FSIS) for H1 use (lubricant with incidental food contact) and listed in Miscellaneous Publication No 1419 “List of Proprietary Substances and Nonfood Compounds”. Product contains only substances permitted under US 21 CFR 178.3570, 178.3620 and 182 for use in lubricants with incidental food contact.)

SYF-990/ HYDROPLUS FG Synthetic Food Grade Lubricant contain the unique extreme pressure and load carrying performance characteristics designed to protect gear teeth on start up and provide protection during use.

SYF-990/ HYDROPLUS FG Synthetic Food Grade Lubricant increase service intervals operate over a wide temperature range and provide excellent corrosion protection. Synthetic Food Grade Lubricant fluids are resistant to water wash off and are particularly suitable for use in wet conditions and applications where frequent wash downs occurs.

Features & Benefits
• Good load carrying capabilities FZG load stage 12
• Tenacious, non drip film
• Excellent corrosion protection
• Good water displacing properties

• They do not contain any natural products derived from animals, nuts or genetically modified organisms (GMOs). It is Suitable for use where vegetarian and nut-free food is prepared and do not promote the growth of bacteria or fungal organisms.

Directions of use:
Gearboxes should be drained and flushed prior to filling, to the normal top up level with Food Grade Synthetic Lubricants.

Technical Data

<table>
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<tr>
<th>PROPERTIES (ISO VG)</th>
<th>Test Method</th>
<th>15</th>
<th>32</th>
<th>46</th>
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</table>

Available Packs : 5, 18, 210 Ltr.
Shelf Life : 60 Months from manufacturing month.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office.
*All related specifications are meets or exceeds.

PETRELPLUS INC.
Level-17, DLH Park, Near Goregaon Flyover
Goregaon (w), Mumbai-400064
mail-marketing@petrelplus.com,
www.petrelplus.com
1. IDENTIFICATION

PRODUCT: SYF-990 / HYDROPLUS FG SYNTHETIC FOOD GRADE LUBRICANT (NSF Certified, Category H1)

Supplier: Petrelplus Inc.
Level17, DLH Park,
Ramlal Compound, S.V. Road,
Near Goregaon Flyover, Goregaon (w),
Mumbai-400064, Maharashtra.
Call # +91 22 6216 7072 (Monday to Friday)
Cell # +91 93522 25457
marketing@petrelplus.com
www.petrelplus.com

2. COMPOSITION
1-Decene, Homo polymer, Hydrogenated Proprietary additives

3. HAZARDS IDENTIFICATION
Not classified as hazardous. Other Hazards:

4. FIRST-AID MEASURES
RESPIRATORY SYSTEM
Remove to fresh air and get medical attention.

INGESTION
Do not induce vomiting. Wash mouth out with water and obtain medical attention.

EYES
Rinse immediately with plenty of water for at least 10 minutes. Get Medical Attention.

SKIN
Remove contaminated clothing. Wash affected area with soap and water, get medical attention.

5. FIRE-FIGHTING METHODS
Foam, carbon dioxide or dry power.

6. ACCIDENTAL RELEASE MEASURES
Contain and absorb in sand or earth. Ensure no material enters drains or water courses. Dispose of as solid waste in accordance with the relevant waste disposal regulations.

7. STORAGE AND HANDLING
Storage 1: Store in delivery packs in a cool dry place.

HANDLING
At ambient temperatures wear gloves overalls and eye protection. The work area should be adequately ventilated. No eating drinking or smoking in the work area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION
Exposure Standard:
The substance with exposure limit is: Notation 1: Exposure Standard: 2nd substance with exposure limit is: Notation 2:

PERSONAL PROTECTION
Respiratory Protection: Type of Cartridge (if Applicable): Eye Protection: Safety Spectacles
Hand Protection: Gloves butyl or nitrile rubber
Industrial Hygiene: No eating drinking or smoking in the work area Ventilation: At room temperature handle in a well ventilated area. Use exhaust ventilation if exposure to flume or aerosol can occur.

9. TYPICAL PROPERTIES :
Specific Gravity 15.6 / 15.6 °C 0.83-0.84
Flash Point °C > 250
Viscosity @ 40 °C CST 32 to 1000

10. STABILITY AND REACTIVITY
HAZARDOUS REACTIONS
Comments
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition produces noxious fumes.

11. TOXICOLOGICAL INFORMATION
LD50 Acute Oral Toxicity: > 5000:mg/Kg:Rat LC50 Acute Inhalation: :mg/1 :
Eye Irritation: No : Rabbit Skin Irritation: No.: Rabbit Sensation: Further Information:

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mail-marketing@petrelplus.com,
www.petrelplus.com
12. **ECOLOGICAL INFORMATION**
LC50 (96 Hour): mg/1 EC50 (24 Hour): mg/1
Biodegradability (Coupled units):

13. **DISPOSAL CONSIDERATIONS**
Solid material should be incinerated. Material absorbed on sand should be disposed of as solid waste.

14. **TRANSPORT INFORMATION**
IMDG No.: Not classified
Packing Groups: IATA-DGR Class No.: Not classified TREMCARD: Not classified
RID/ADR Class No.: Not classified Other Information

15. **REGULATORY INFORMATION**
Classification and labeling according to EC Directives 67/548
Not classified as hazardous. EC Risk Phrases
Not classified as hazardous. Other Hazardous
EC Safety Phrases
Not classified as hazardous

16. **OTHER INFORMATION: PRODUCT SAFETY**
For safety reasons, it is IMPERATIVE that customer:
- Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning