



ISO-9001 Registered Quality System.
ISO-21469 Compliant.

Sales, Service & Distribution Center
Newark, NJ 07105
Phone: 973-589-9150 Fax: 973-589-4432

Manufacturing, Sales, Service & Distribution Center
Toledo, OH 43605
Phone: 419-691-2491 Fax: 419-693-3806

Sales and Tech Service Support
Phone: 1-800-733-4755

PRODUCT DATA

LUBRIPLATE SFGO ULTRA 46-OR (Orange)

*NSF International H-1 Registered

NSF ISO21469 Certification

DESCRIPTION

LUBRIPLATE SFGO ULTRA 46-OR is a synthetic polyalphaolefin (PAO) based food grade fluid. It meets a variety of demanding applications where traditional white mineral oils and semi-synthetic fluids may not be desirable. This polyalphaolefin (PAO) based synthetic oil is an outstanding lubricant for use under severe conditions subject to extremely high or low temperatures. It exhibits outstanding oxidation resistance and thermal stability capabilities. This fluid is zinc-free. It is orange colored for leak detection.

APPLICATIONS

LUBRIPLATE SFGO ULTRA 46-OR may be recommended for bearings, compressors, hydraulic systems and pumps requiring an ISO Viscosity Grade 46. This synthetic PAO based food grade fluid is suitable for use in plants where incidental contact with edible products may occur.

LUBRIPLATE SFGO ULTRA 46-OR is compatible with other LUBRIPLATE products such as the LUBRIPLATE FMO-AW Series and LUBRIPLATE SPO Series. **Always consult LUBRIPLATE before changing to an SFGO ULTRA fluid from an existing lubricant that may not be compatible with polyalphaolefin-based oils.**

ADVANTAGES

- ⇒ Excellent thermal stability resulting in longer service life.
- ⇒ Superior oxidation resistance.
- ⇒ Outstanding anti-wear properties providing extended equipment life.
- ⇒ Exceptional demulsibility characteristics.
- ⇒ Superb corrosion inhibitor package.
- ⇒ High viscosity indexes and low pour points to ensure optimum performances over a wide operating temperature range.
- ⇒ Superior cleanliness characteristics.
- ⇒ Excellent compatibility with a variety of elastomers, seals, plastics and paints
- ⇒ Orange colored for leak detection.

STORAGE RECOMMENDATIONS

1. Products should be stored between 40°F-120°F.
2. Products should be stored in a dry covered environment.
3. Products should not be stored in warm, direct sunlight.
4. Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS
Viscosity:		
SUS @ 100°F	ASTM D-2161	220
SUS @ 210°F	ASTM D-2161	52
cSt @ 40°C	ASTM D-445	50
cSt @ 100°C	ASTM D-445	8
Viscosity Index	ASTM D-2270	134
Pour Point °F/°C	ASTM D-97	-65/-54
Flash Point °F/°C	ASTM D-92	480/249
Fire Point °F/°C	ASTM D-92	520/271
API Gravity	ASTM D-287	39
Color	Visual	Orange
Four-Ball Wear Test:		
Average Wear Scar Diameter	ASTM D-2266	0.4 mm
Cu Corrosion	ASTM D-130	1a
Neutralization Number	ASTM D-2896	0.7
AGMA Number		1

PACKAGING AVAILABLE

55 Gallon Drum

Part No.

L0991-062

*NSF International H-1 Registration No.

151138

(Meets former USDA 1998 Guidelines)

*Registered H-1 by NSF International for use in food processing facilities as a lubricant or anti-rust agent on equipment in which there may be incidental contact involving the lubricated part and the edible product.

"LUBRIPLATE SFGO ULTRA 46-OR contains no components derived from TSE/BSE relevant animal species; therefore, it is compliant with the requirements of the TSE Note for Guidance EMA/410/01 Rev. 3 July 2011."

LUBRIPLATE SFGO ULTRA 46-OR meets the requirements of FDA 21 CFR 178.3570, FDA 21 CFR 172.882 and FDA 21 CFR 182-G.R.A.S.

