



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

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PRODUCT DATA

LUBRIPLATE “SFGO ULTRA” SERIES
ISO VISCOSITY GRADES 7, 15, 22, 32, 46 & 68

“These products are certified OU Kosher Pareve”
“These products are Halal certified”

*NSF International H-1 Registered
NSF ISO21469 Certification

DESCRIPTION

The LUBRIPLATE SFGO Ultra Series of synthetic hydrocarbon food grade fluids have been formulated with 100% pure PAO synthetic base oils that meet a variety of demanding applications where operating higher temperatures are required. These Polyalphaolefin (PAO) based synthetics are outstanding lubricants for use under severe conditions subject to extremely high or low temperatures. They exhibit outstanding oxidation resistance and thermal stability capabilities. These fluids are all zinc-free.

LUBRIPLATE strongly recommends the use of the LUBRIPLATE Oil Analysis Program to establish drain intervals in air compressor applications. Typical service life can be as much as 4,000 hours under normal operating conditions. Oil life can be affected by various contaminants, moisture and other factors. Therefore, oil analysis becomes critical when maximizing useful service life. Contact your authorized LUBRIPLATE Distributor for more information on the LUBRIPLATE Oil Analysis Program.

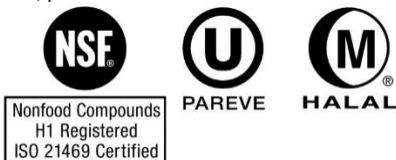
APPLICATIONS

The LUBRIPLATE SFGO Ultra Series may be recommended for rotary screw, rotary vane and reciprocating air compressors. They also make excellent lubricants for hydraulic systems, pumps, motors, bearings, chains and airline lubricators.

The LUBRIPLATE SFGO Ultra Lubricants are compatible with other LUBRIPLATE products such as LUBRIPLATE AC Oils, LUBRIPLATE HO Oils, LUBRIPLATE FMO Series and LUBRIPLATE FMO-AW Series. Always consult LUBRIPLATE before changing to an SFGO 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.
- ⇒ Naturally high viscosity index and low pour points which ensure optimum performance over a wide operating temperature range.
- ⇒ Superior cleanliness characteristics.
- ⇒ Excellent compatibility with a variety of elastomers, seals, plastics, paint and mineral oils.



Typical Test Data – See Back

PACKAGING AVAILABLE	SFGO Ultra 7	SFGO Ultra 15
Carton, 4/1 Gallon Plastic Jugs	L0912-057	L0930-057
5 Gallon Pail	L0912-060	L0930-060
16 Gallon Drum	L0912-061	L0930-061
55 Gallon Drum	L0912-062	L0930-062
PACKAGING AVAILABLE	SFGO Ultra 22	SFGO Ultra 32
Carton, 4/1 Gallon Plastic Jugs	L0931-057	L0915-057
5 Gallon Pail	L0931-060	L0915-060
16 Gallon Drum	L0931-061	L0915-061
55 Gallon Drum	L0931-062	L0915-062
PACKAGING AVAILABLE	SFGO Ultra 46	SFGO Ultra 68
Carton, 4/1 Gallon Plastic Jugs	L0916-057	L0917-057
5 Gallon Pail	L0916-060	L0917-060
16 Gallon Drum	L0916-061	L0917-061
55 Gallon Drum	L0916-062	L0917-062

Note: LUBRIPLATE SFGO ULTRA 7 is also available in aerosol form and is listed as: LUBRIPLATE SFGO Ultra 7 Synthetic Chain & Penetrating Fluid Part No. L0912-063 – See Technical Data Bulletin 8-17B.

***NSF International H-1 Registration No.'s (Meets former USDA 1998 Guidelines)**
(Ultra 7) 125679 (Ultra 15) 138420 (Ultra 22) 138421
(Ultra 32) 125680 (Ultra 46) 125678 (Ultra 68) 125681

**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.*

“The LUBRIPLATE SFGO Ultra Series 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”.

Manufactured with ingredients that comply with FDA 21 CFR 178.3570 and FDA 21 CFR 172.882.

STORAGE RECOMMENDATIONS

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

PROPERTY	TEST METHOD	TYPICAL RESULTS*					
		SFGO Ultra 7	SFGO Ultra 15	SFGO Ultra 22	SFGO Ultra 32	SFGO Ultra 46	SFGO Ultra 68
Viscosity SUS @ 100°F	ASTM D-2161	51	89	106	160	220	325
Viscosity SUS @ 210°F	ASTM D-2161	34	39	41	46	52	59
Viscosity cSt @ 40°C	ASTM D-445	7	15	22	32	46	68
Viscosity cSt @ 100°C	ASTM D-445	2	4	4	6	8	10
Viscosity Index	ASTM D-2270	104	122	128	135	134	141
Pour Point	ASTM D-97	-67°F/-55°C	-65°F/-54°C	-63°F/-53°C	-58°F/-50°C	-45°F/-43°C	-45°F/-43°C
Flash Point	ASTM D-92	305°F/152°C	405°F/207°C	405°F/207°C	475°F/246°C	480°F/249°C	495°F/257°C
Fire Point	ASTM D-92	400°F/204°C	435°F/224°C	430°F/221°C	515°F/268°C	520°F/271°C	530°F/277°C
API Gravity	ASTM D-287	41.8	39.0	41.1	37.9	35.1	34.1
Color	ASTM D-1500	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max
4-Ball Wear Test	ASTM D-2266	0.40 mm	0.40 mm	0.40 mm	0.48 mm	0.41 mm	0.36 mm
SAE Grade		5W	5W	5W	10	20	30
ISO Viscosity Grade	ASTM D-2422	7	15	22	32	46	68
Boiling Point	ASTM D1120	340°C	***	***	***	***	***
Autoignition Temperature:	ASTM D2155	337°C	***	***	***	***	***
Ignition Delay Time		9 seconds	***	***	***	***	***
Barometric Pressure		754 mm Hg	***	***	***	***	***
Sample Size		0.10 ml	***	***	***	***	***
Demulsibility Characteristics	ASTM D-2711	***	***	***	***	***	***
Procedure B; Run 1: Percent of Water in Oil		***	***	***	0.1%	0.1%	0.3%
Free Water Volume		***	***	***	85.5 ml	85.5 ml	86.8 ml
Emulsion Volume		***	***	***	0.0 ml	0.0 ml	0.0 ml
Demulsibility Characteristics	ASTM D-2711						
Procedure B; Run 2: Percent of Water in Oil		***	***	***	0.1%	0.1%	0.4%
Free Water Volume		***	***	***	86.5 ml	86.5 ml	86.0 ml
Emulsion Volume		***	***	***	0.0 ml	0.0 ml	0.0 ml
Demulsibility Characteristics	ASTM D-2711						
Procedure B; Average: Percent of Water in Oil		***	***	***	0.1%	0.1%	0.4%
Free Water Volume		***	***	***	86.0 ml	86.0 ml	86.4 ml
Emulsion Volume		***	***	***	0.0 ml	0.0 ml	0.0 ml