



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

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LUBRIPLATE "SFGO Ultra" Series - ISO Viscosity Grades 100, 150, 220, 320, 460, 680 & 1000

*NSF H-1 Registered

"These products are certified OU Kosher Pareve"

"These products are Halal Certified"

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 traditional white mineral oils and PAO polymer blends may not be desirable. 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.

The **LUBRIPLATE SFGO Ultra Series** meets the requirements of FDA 21 CFR 178.3570 and FDA 21 CFR 172.882. All seven-viscosity grades are suitable for use in plants where incidental contact with the edible product may occur.

The **LUBRIPLATE SFGO Ultra Series** may be recommended for bearings, gearboxes, pumps and chains requiring ISO Viscosity Grades 100 through 1000.

Advantages offered by **LUBRIPLATE SFGO Ultra Series** include the following:

- 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 performance over a wide operating temperature range.
- Superior cleanliness characteristics.
- Excellent compatibility with a variety of elastomers, seals, plastics and paints.

The **LUBRIPLATE SFGO Ultra Lubricants** are 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.

(Over)

LUBRIPLATE “SFGO Ultra” Series - ISO Viscosity Grades 100, 150, 220, 320, 460, 680 & 1000:

Typical Properties

<u>SFGO Ultra ISO VG</u>	<u>100</u>	<u>150</u>	<u>220</u>	<u>320</u>	<u>460</u>	<u>680</u>	<u>1000</u>
Viscosity SUS @ 100°F	556	762	1088	1557	2143	3289	4900
SUS @ 210°F	77	97	128	161	211	275	372
cSt @ 40°C	98	146	222	318	452	623	950
cSt @ 100°C	14	19	26	34	46	57	77
Viscosity Index	145	141	146	152	159	157	157
Pour Point °F/°C	-43/-42	-43/-42	-42/-41	-40/-40	-40/-40	-45/-43	-35/-37
Flash Point °F/°C	485/252	495/257	520/271	520/271	480/249	500/260	500/260
Fire Point °F/°C	520/271	525/274	540/282	545/285	515/268	545/285	545/285
API Gravity	33.9	33.2	32.6	32.0	31.1	34.5	33.7
Color	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max
Four-Ball Wear Test Average Wear Scar Diameter	0.32 mm	0.32 mm	0.32 mm	0.31 mm	0.31 mm	0.31 mm	0.30 mm
Cu Corrosion	1a	1a	1a	1a	1a	1a	1a
Neut. No.	0.8	0.8	0.8	0.8	0.8	0.8	0.8
AGMA No.	3	4	5	6	7	8	9

Note: LUBRIPLATE SFGO Ultra 220, SFGO Ultra 320 & SFGO Ultra 460 passed ASTM D-5182 and DIN 51354 Modified to 13 and 14 Stages.

<u>Packaging Availability</u>	<u>SFGO Ultra 100</u>	<u>SFGO Ultra 150</u>	<u>SFGO Ultra 220</u>	<u>SFGO Ultra 320</u>	<u>SFGO Ultra 460</u>	<u>SFGO Ultra 680</u>	<u>SFGO Ultra 1000</u>
Case, 4/1 Gallon Plastic Jugs	L0983-057	L0984-057	L0985-057	L0986-057	L0987-057	L0988-057	L0989-057
5 Gallon Pail	L0983-060	L0984-060	L0985-060	L0986-060	L0987-060	L0988-060	L0989-060
16 Gallon Drum	L0983-061	L0984-061	L0985-061	L0986-061	L0987-061	L0988-061	L0989-061
55 Gallon Drum	L0983-062	L0984-062	L0985-062	L0986-062	L0987-062	L0988-062	L0989-062

"The LUBRIPLATE SFGO Ultra Series contain no components derived from TSE/BSE relevant animal species; therefore, they are compliant with the requirements of the TSE Note for Guidance EMEA/410/01 Rev. 2, October 2003".

***NSF H-1 Registration No's** 125682 125683 125539 125540 125541 125542 125543
(Meets USDA 1998 Guidelines)

*Authorized by NSF 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.

*NSF – National Sanitation Foundation

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

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