



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

LUBRIPLATE FMO-AW LUBRICANTS

*NSF H1 Registered

(Note: LUBRIPLATE FMO-150-AW is also *NSF HT1 Registered)

“These products are certified OU Kosher Pareve”

“These products are Halal certified”

The LUBRIPLATE FMO-AW Series of Lubricants was developed in order to meet the ever-increasing demands of pressure, speed and temperature that are placed on modern food machinery. These premium food machinery lubricants are fully formulated with non-toxic, USP white mineral oils and are fortified with anti-oxidants, corrosion inhibitors, anti-wear agents and foam suppressants. The NSF has authorized them as H-1 lubricants, covering incidental contact with food. As such, they are acceptable as lubricants and anti-rust films on equipment and machine parts used in locations where there is exposure to edible products. These oils are all zinc-free.

The LUBRIPLATE FMO-AW Series of lubricants are high viscosity index, high aniline point oils, making them ideal for hydraulics, chains, gearboxes, air line lubricators and general oiling.

LUBRIPLATE FMO-AW Oils Typical Tests

	<u>85-AW</u>	<u>150-AW</u>	<u>200-AW</u>	<u>350-AW</u>	<u>500-AW</u>	<u>900-AW</u>	<u>1100-AW</u>	<u>1700-AW</u>	<u>2400-AW</u>	<u>3800-AW</u>
Viscosity										
SUS @ 100°F	103	162	224	347	545	856	1126	1730	2350	3864
SUS @ 210°F	40	43	49	55	70	83	97	120	142	198
cSt @ 40°C	19	32	44	68	109	160	210	324	456	690
cSt @ 100°C	4	5	6.2	8	12	15	19	25	30	40
Viscosity Index	62	71	81	103	102	99	100	95	93	96
Color	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5	L1.0	L1.0	L1.0
Gravity	29.5	29.1	29.1	29.3	29.2	28.9	28.9	29.1	29.6	28.9
Flash Point, °F	335	370	433	435	495	450	440	430	425	420
°C	168	188	223	224	257	232	227	221	218	216
Fire Point, °F	365	415	420	490	545	540	510	505	505	485
°C	185	213	215	254	285	282	266	263	263	251
Pour Point, °F	-45	-30	-25	-10	0	0	+5	+5	+10	+15
°C	-43	-34	-32	-23	-18	-18	-15	-15	-12	-9
Neutralization No.	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Aniline Point, °F	209	215	230	235	258	259	262	265	269	275
ISO Viscosity Grade	22	32	46	68	100	150	220	320	460	680
AGMA No.	--	--	1	2	3	4	5	6	7	8

(Over)

LUBRIPLATE FMO-AW Lubricants:

LUBRIPLATE FMO-2400-AW & FMO-1100-AW have been tested and have passed the:
12 Stage Four Square Gear (FZG) Test.

LUBRIPLATE FMO-350-AW has passed the following hydraulic pump tests:

- Vickers 35VQ25 Vane Pump Test
- Vickers V-104C (ASTM D-2882) Vane Pump Test
- Racine Model "S" Variable Volume Vane Pump Test

and meets the following specifications:

- Vickers M-2950-S
- Vickers I-286-S

LUBRIPLATE FMO-200-AW has also been tested against and passed:

Racine Model "S" Variable Volume Vane Pump Test

<u>4-BALL WEAR TEST</u> (ASTM D-4172)	<u>85-AW</u>	<u>150-AW</u>	<u>200-AW</u>	<u>350-AW</u>	<u>500-AW</u>	<u>900-AW</u>	<u>1100-AW</u>	<u>1700-AW</u>	<u>2400-AW</u>	<u>3800-AW</u>
40 Kg., 1200 rpm 167°F, 1 Hour Average Wear Scar Diameter, mm	.43	.39	.41	.36	.38	.38	.38	.38	.38	.38

<u>TURBINE OIL OXIDATION TEST</u> (ASTM D-943)	<u>85-AW</u>	<u>150-AW</u>	<u>200-AW</u>	<u>350-AW</u>	<u>500-AW</u>	<u>900-AW</u>	<u>1100-AW</u>	<u>1700-AW</u>	<u>2400-AW</u>	<u>3800-AW</u>
Hours to 2.0 Neut. No.	10,000+	Pending	10,000+	10,000+	10,000+	10,000+	10,000+	10,000+	8,000+	5,000+

PART NUMBERS

<u>Packaging Available</u>	<u>85-AW</u>	<u>150-AW</u>	<u>200-AW</u>	<u>350-AW</u>	<u>500-AW</u>	<u>900-AW</u>	<u>1100-AW</u>	<u>1700-AW</u>	<u>2400-AW</u>	<u>3800-AW</u>
Ctn. 12/1 Qt. Plastic Jugs	L0880-054	L0879-054	-----	-----	-----	-----	-----	L0887-054	-----	-----
Ctn. 4/1 Gal. Jugs	L0880-057	L0879-057	L0881-057	L0882-057	L0883-057	L0884-057	L0886-057	L0887-057	L0885-057	L0888-057
5 Gallon Pail	L0880-060	L0879-060	L0881-060	L0882-060	L0883-060	L0884-060	L0886-060	L0887-060	L0885-060	L0888-060
16 Gallon Drum	L0880-061	L0879-061	L0881-061	L0882-061	L0883-061	L0884-061	L0886-061	L0887-061	L0885-061	L0888-061
55 Gallon Drum	L0880-062	L0879-062	L0881-062	L0882-062	L0883-062	L0884-062	L0886-062	L0887-062	L0885-062	L0888-062
Ctn. 12/12 oz. Aerosol Cans	-----	-----	-----	L0882-063	-----	-----	-----	-----	-----	-----
Ctn. 12/14 oz. Non-Aerosol Bottles	L0880-067	-----	-----	-----	-----	-----	-----	-----	-----	-----
<u>*NSF H1 Registration No's</u>	122670	132661	122668	122665 126089 (Spray)	122664	122675	122687	122667	122671	122673
<u>*NSF HT1 Registration No's</u>	-----	132661	-----	-----	-----	-----	-----	-----	-----	-----

*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 comply with FDA 21 CFR 178.3570.

"The **LUBRIPLATE FMO-AW 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".