



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

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PRODUCT DATA

LUBRIPLATE FMO OILS

"These products are certified OU Kosher Pareve"
"These products are Halal certified"

*NSF International H-1 & 3H Registered
NSF ISO21469 Certification

DESCRIPTION

LUBRIPLATE FMO Lubricants are derived from the highest quality USP white mineral oils available. LUBRIPLATE FMO Lubricants offer the utmost in purity, cleanliness, as well as unexcelled lubrication characteristics.

LUBRIPLATE Lubricants have always been non-toxic and as pure as commercially feasible. However, the United States Department of Agriculture (USDA), Food Ingredient Assessment Division, Science, Food Safety and Quality Service, working within the rules set forth by the Food and Drug Administration (FDA) have drawn up strict guidelines in regard to the type of lubricants that can be used in food processing plants operating under the jurisdiction where there may be incidental food contact with the food being processed. These guidelines also apply to the United States Department of Commerce, Fishery Products Inspection Program. The products in the category of lubricants for incidental contact come under the classification of H-1 replacing the now obsolete "AA" classification.

APPLICATIONS

FMO-85: A light SAE 5W oil recommended for dipping, spraying and brushing of lubricated parts and "O" rings as well as airline lubricators. Excellent pour point.

FMO-200: SAE 10 grade oil for air line lubricators, general oiling, and hydraulic systems.

FMO-350: Medium SAE 20 grade oil for general oiling and hydraulics.

FMO-500: Medium Heavy SAE 30 grade oil for general oiling and chain lubrication.

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.

NSF International 3H - These products are acceptable for use as Release Agents (3H) on grills, ovens, loaf pans, boning benches, chopping boards or other hard surfaces in contact with meat and poultry food products to prevent food from adhering during processing.

Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*			
		FMO-85	FMO-200	FMO-350	FMO-500
Viscosity: SUS @ 100°F	D-2161	100	200	347	545
SUS @ 210°F	D-2161	40	47	55	70
cSt @ 40°C	D-445	19	41	68	109
cSt @ 100°C	D-445	4	6	8	12
Viscosity Index	D-2270	122	105	104	101
Color	D-1500	0.0	0.0	0.0	0.0
Gravity	D-287	29.7	29.1	29.2	29.2
Flash Point °F/°C	D-92	335/ 168	405/ 207	435/ 224	510/ 266
Fire Point °F/°C	D-92	370/ 188	433/ 223	490/ 254	555/ 290
Pour Point °F/°C	D-97	-45/ -43	-25/ -32	-10/ -23	0/ -18
Neutralization No.	D-2896	0.0	0.0	0.0	0.0
Aniline Point °F	D-611	206	219	232	257
SAE No.		5W	10	20	30
ISO Vis. Grade	D-2422	15-22	46	68	100
AGMA No.		***	1	2	3

PACKAGING AVAILABLE

FMO-85

FMO-200

Case 12/1 Quart Bottles	L0740-054	***
Carton, 4/1 Gallon Plastic Jugs	L0740-057	L0739-057
5 Gallon Pail	L0740-060	L0739-060
16 Gallon Drum	L0740-061	L0739-061
55 Gallon Drum	L0740-062	L0739-062

PACKAGING AVAILABLE

FMO-350

FMO-500

Case 12/1 Quart Bottles	***	***
Carton, 4/1 Gallon Plastic Jugs	L0741-057	L0742-057
5 Gallon Pail	L0741-060	L0742-060
16 Gallon Drum	L0741-061	L0742-061
55 Gallon Drum	L0741-062	L0742-062

*NSF International
H1 & 3H Registration No's
(Meets former USDA 1998 Guidelines)

122674
FMO-85

122689
FMO-200

122666
FMO-350

122672
FMO-500



Nonfood Compounds
H1 Registered
ISO 21469 Certified

PAREVE

HALAL