



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

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LUBRIPLATE SPO LUBRICANTS

LUBRIPLATE SPO Lubricants are specially designed for a wide variety of industrial applications such as gear cases, machine ways, chains and general purpose lubrication. These oils will provide a long-lasting wear resistant film that reduces friction and heat. The polar affinity of SPO protects metal surfaces from rust and corrosion as well as chemical corrosion. These oils have excellent demulsibility, oxidation resistance and thermal stability, thus extending lubricant life.

Actual field operations have proven that **LUBRIPLATE SPO Lubricants** provide a tacky, superior lubricating film for high-sliding action in worm, bevel, helical and spur gears as well as machine ways, chains etc. This series of products will reduce friction and heat, thus improving efficiency. The anti-wear properties are compatible with brass, bronze and silver-alloy metals. They are excellent for areas of high moisture, heat and load found in many industries ranging from quarries and mills to food processing plants.

ADVANTAGES

Reduce friction, wear and lower operating temperatures, thus reducing power consumption and lowering maintenance costs.

Provide excellent oxidation and thermal stability which retards the formation of acidic contaminants, carbonaceous material and increased viscosities, thus extending fluid life.

Provide excellent demulsibility and filterability, thus allowing water and contaminants to be easily removed.

Provide an anti-wear, tacky, cohesive lubricant film protecting all metal surfaces against rust and corrosion and protects copper and copper alloys from chemical attack by contaminants.

Provide lubricant consolidation, e.g. one oil for gear boxes, bearings and ways.

Provide seal compatibility.

PERFORMANCE

SPO-288 has been field tested and approved by Cone Drive for double-enveloping worm gear applications. This is the only mineral oil approved that does not contain extreme pressure additives or acidless tallow.

SPO-277 passes the FZG 12 Stage Gear Oil Test.

(over)

PERFORMANCE - (Cont'd.)

SPO-266 provides exceptional wear protective qualities carrying a .41 mm wear factor on the 4-Ball Wear Test. (40 kg., 1 hr., 1200 rpm's, 167°F)

The “**SPO**” **Series** has proven very successful against synthetic gear oils by lowering temperatures, extending drain intervals, yet costing much less.

TYPICAL TESTS

	<u>SPO-222</u>	<u>SPO-233</u>	<u>SPO-244</u>	<u>SPO-255</u>	<u>SPO-266</u>	<u>SPO-277</u>	<u>SPO-288</u>	<u>SPO-299</u>
Viscosity								
SUS @ 100°F.	317	464	685	1044	1476	2260	3314	5050
cSt @ 40°C.	63	91	135	200	280	432	628	950
SUS @ 210°F.	55	63	75	95	115	148	184	244
cSt @ 100°C.	9	11	14	19	23	30	38	50
Viscosity Index	109	103	102	103	102	98	98	98
API Gravity	30.8	30.0	29.9	29.3	26.5	25.8	26.9	27.5
Color	L-2	L-2.5	L-3	L-3	L-3.5	L-4	L-5.5	L-4.5
Flash Point, °F.	415	450	460	465	470	475	425	450
Flash Point, °C.	213	232	238	241	243	246	218	232
Fire Point, °F.	465	500	525	560	570	580	525	505
Fire Point, °C.	240	260	274	293	299	304	274	263
Pour Point, °F.	-30	-35	-25	-10	+10	+15	+10	+10
Pour Point, °C.	-34	-37	-31	-23	-12	-9	-12	-12
AGMA	2	3	4	5	6	7	8	8A
ISO	68	100	150	220	320	460	680	1000

These **LUBRIPLATE SPO Lubricants** are available in the following:

PART NUMBERS

	<u>SPO-222</u>	<u>SPO-233</u>	<u>SPO-244</u>	<u>SPO-255</u>	<u>SPO-266</u>	<u>SPO-277</u>	<u>SPO-288</u>	<u>SPO-299</u>
Ctn. 4/7 lb. Cans	L0242-007	L0243-007	L0244-007	L0245-007	L0246-007	L0247-007	L0248-007	L0249-007
Ctn. 12/2 lb. Plastic Bottles	L0242-013	L0243-013	L0244-013	L0245-013	L0246-013	L0247-013	L0248-013	L0249-013
35 lb. Pail	L0242-035	L0243-035	L0244-035	L0245-035	L0246-035	L0247-035	L0248-035	L0249-035
120 lb. Drum	L0242-039	L0243-039	L0244-039	L0245-039	L0246-039	L0247-039	L0248-039	L0249-039
Full Size Drum	L0242-040	L0243-040	L0244-040	L0245-040	L0246-040	L0247-040	L0248-040	L0249-040

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