



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

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**LUBRIPLATE SYN LUBE SERIES - ISO VG Grades 150, 220, 320, 460, 680 & 1000**

\*NSF H2 Registered

**LUBRIPLATE SYN LUBE SERIES ISO VG 150 - 1000** fluids are high performance, zinc-free synthetic fluids for industrial machine applications. These fluids are 100% synthetic based products formulated with a combination of PAO and ester technology.

**LUBRIPLATE SYN LUBE SERIES ISO VG 150 - 1000** fluids are available in (6) ISO Viscosity Grades (ISO VG 150, 220, 320, 460, 680, 1000).

**LUBRIPLATE SYN LUBE SERIES ISO VG 150 - 1000** fluids are excellent gear and bearing lubricants for use under severe conditions such as extremely high or low temperatures. These fluids are also excellent lubricants for gear pumps and positive displacement blowers.

**LUBRIPLATE SYN LUBE SERIES ISO VG 150 - 1000** fluids provide several advantages over mineral oil based products.

- Excellent thermal stability and oxidation resistant characteristics increasing the service life of the lubricant many times over that of mineral oils.
- Outstanding anti-wear properties resulting in extended drain intervals and longer equipment life.
- Exceptional demulsibility characteristics.
- High viscosity indexes and low pour points to ensure optimum performance over a wide operating temperature range.
- Broad range of compatibility with elastomers and seal materials.
- Exhibit very low coefficients of friction and superior heat transfer characteristics, resulting in lower operating temperatures and reduced power consumption.

(Over)

**LUBRIPLATE SYN LUBE Series - ISO VG Grades 150, 220, 320, 460, 680 & 1000 Typical Properties**

<u>Physical &amp; Performance Characteristics</u>	<u>ASTM</u>	<u>Syn Lube 150</u>	<u>Syn Lube 220</u>	<u>Syn Lube 320</u>	<u>Syn Lube 460</u>	<u>Syn Lube 680</u>	<u>Syn Lube 1000</u>
Viscosity @ 40°C cSt	D-445	151	216	311	446	623	950
	D-445	20	26	34	45	57	77
Viscosity @ 100°F	D-445	762	1088	1557	2143	3289	4900
	D-445	97	128	161	211	275	372
Viscosity Index	D-2270	156	155	155	156	157	157
Pour Point °F/°C	D-97	-60/-51	-50/-46	-50/-46	-45/-43	-45/-43	-35/-37
Flash Point °F/°C	D-92	510/266	510/266	505/263	505/263	500/260	500/260
Fire Point °F/°C	D-92	555/291	555/291	550/288	550/288	545/285	545/285
API Gravity	D-287	36.8	36.7	35.6	35.1	34.5	33.7
Color	D-1500	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max
Neutralization No.	D-974	0.8	0.8	0.8	0.8	0.8	0.8
Copper (Cu) Corrosion	D-130A	1a	1a	1a	1a	1a	1a
ISO Viscosity Grade	-----	150	220	320	460	680	1000
SAE Gear Oil No.	-----	80W-90	90	80W-140	140	-----	-----
AGMA No.	-----	4	5	6	7	8	9
Four Ball Wear Test Average Wear Scar Diameter (40 kg., 1200 rpm., 1 hr. @ 75°C)	D-4172	0.34 mm	0.34 mm	0.34 mm	0.34 mm	0.34 mm	0.30 mm

***LUBRIPLATE Syn Lube 220 and LUBRIPLATE Syn Lube 460 passed ASTM D-5182 and DIN 51354 Modified to 13 and 14 Stages.***

<u>Packaging Available</u>	<u>Syn Lube 150</u>	<u>Syn Lube 220</u>	<u>Syn Lube 320</u>	<u>Syn Lube 460</u>	<u>Syn Lube 680</u>	<u>Syn Lube 1000</u>
Carton 4/1 Gallon Jugs	L0974-057	L0975-057	L0976-057	L0977-057	L0978-057	L0979-057
5-Gallon Pail	L0974-060	L0975-060	L0976-060	L0977-060	L0978-060	L0979-060
16-Gallon Drum	L0974-061	L0975-061	L0976-061	L0977-061	L0978-061	L0979-061
55-Gallon Drum	L0974-062	L0975-062	L0976-062	L0977-062	L0978-062	L0979-062
<b>*NSF H2 Registration No's</b>	137921	135908	137922	135909	137923	139839

(These products are acceptable as lubricants where there is no possibility of food contact (H2) in and around food processing areas. Such compounds may be used as lubricants, release agents, or antirust films on equipment and machine parts in locations in which there is no possibility of the lubricant or lubricated part contacting edible products).