



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

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LUBRIPLATE HO-0, HO-1, HO-2 & HO-2A Hydraulic Oils

LUBRIPLATE HO-0, HO-1, HO-2 & HO-2A Hydraulic Oils are of the dual-purpose or multi-functional type for use in hydraulic applications, air compressors, turbines, gear cases, and general lubrication. **LUBRIPLATE HO-0, HO-1, HO-2 & HO-2A Hydraulic Oils** are heavy duty, extreme pressure, and anti-wear oils designed for high performance in hydraulic systems. They can withstand elevated temperatures and high pressures which results in lower maintenance costs by reducing ring and vane wear, thus extending pump life.

LUBRIPLATE HO-0, HO-1, HO-2 & HO-2A Hydraulic Oil Features:

- High natural V.I. for stable viscosities throughout a wider operating temperature range.
- High Aniline Points for controlled seal-swelling characteristics.
- Extreme Pressure Properties.
- Rust and Corrosion Resistant Properties.
- Chemical and Mechanical Stabilities.
- Foam Suppression Properties.
- Good Heat Transfer Properties.
- Thermal Oxidation Stability.
- Good Demulsibility Properties.
- Excellent Dielectric Strength.

Typical tests on LUBRIPLATE HO-0, HO-1, HO-2 & HO-2A Hydraulic Oils are as follows:

<u>Typical Tests</u>	<u>HO-0</u>	<u>HO-1</u>	<u>HO-2</u>	<u>HO-2A</u>
Viscosity SUS @ 100°F	136.6	196.2	336	430
cSt @ 40°C	29.07	42.48	73.53	94.38
Viscosity SUS @ 210°F	43.3	47.2	56.7	62.5
cSt @ 100°C	5.30	6.53	9.37	11
Viscosity Index	116	104	104	101
Flash Point, °F	425	470	500	505
°C	218	243	260	263
Fire Point, °F	460	505	535	550
°C	238	263	279	289
API Gravity	33.8	32.5	31.8	30.6
Color	<1.0	<1.0	<1.0	<1.5
Pour Point, °F	-35	-30	-15	-10
°C	-37	-34	-26	-23
Approximate SAE No.	SAE-10	SAE-20	SAE-20	SAE-30
ISO Grade	32	46	68	100
Aniline Point, °F	214	220	226	231
Oxidation per ASTM D-943	-----	Typically Above 3000 Hr.-----		
4-Ball Wear mm Scar Diameter	0.50	0.43	0.46	0.46
Dielectric Strength	-----	Typically Above 35 kv. -----		

(Over)

LUBRIPLATE HO-0, HO-1, HO-2 & HO-2A Hydraulic Oils – Cont'd:

<u>TEMPERATURE</u>		<u>VISCOSITY SUS</u>			
<u>°F</u>	<u>°C</u>	<u>HO-0</u>	<u>HO-1</u>	<u>HO-2</u>	<u>HO-2A</u>
0	-17.8	5,400	10,000	23,000	50,000
10	-12.2	3,200	5,800	12,000	25,000
20	-6.7	2,000	3,500	6,900	14,000
30	-1.1	1,300	2,200	4,000	8,000
40	4.4	900	1,400	2,500	4,800
50	10.0	640	960	1,650	3,100
60	15.6	460	670	1,100	2,000
70	21.1	340	480	760	1,350
80	26.7	260	360	550	950
90	32.2	200	270	410	680
100	37.8	160	215	310	520
110	43.3	130	168	235	380
120	48.9	109	136	186	295
130	54.4	92	112	150	230
140	60.0	80	96	124	186
150	65.6	71	83	105	150
160	71.1	64	73	90	127
170	76.7	59	66	78	108
180	82.2	54	60	70	92
190	87.8	51	55	63	81
200	93.5	48	52	58	72
210	99.0	46	49	54	66
220	104.5	44	46.5	51	60.5
230	110.0	42.5	44.5	48	56
240	115.5	41	43	46	53

<u>PART NUMBERS</u>				
<u>Packaging Available</u>	<u>HO-0</u>	<u>HO-1</u>	<u>HO-2</u>	<u>HO-2A</u>
Carton 4/1 Gallons	L0760-057	L0761-057	L0762-057	L0763-057
5 Gallon Pail	L0760-060	L0761-060	L0762-060	L0763-060
16 Gallon Drum	L0760-061	L0761-061	L0762-061	L0763-061
55 Gallon Drum	L0760-062	L0761-062	L0762-062	L0763-062