



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

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LUBRIPLATE HO-3, HO-4, HO-5 & HO-6 HD Lubricating Oils

LUBRIPLATE HO-3, HO-4, HO-5 & HO-6 HD Lubricating Oils are of the dual-purpose or multi-functional type for use in gear cases, bearings, central lubricating oil systems, air compressors, hydraulic applications and chain lubrication. **LUBRIPLATE HO-3, HO-4, HO-5 & HO-6 HD Lubricating Oils** are high performance, heavy duty, extreme pressure and anti-wear type oils.

LUBRIPLATE HO-3, HO-4, HO-5 & HO-6 HD Lubricating Oil Features:

- Fluid Zinc for anti-wear properties.
- 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-3, HO-4, HO-5 & HO-6 HD Lubricating Oils are as follows:

	HO-3 ISO 150	HO-4 ISO 220	HO-5 ISO 320	HO-6 ISO 460
<u>Typical Tests</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>
Viscosity SUS @ 100°F	690	950	1450	2070
cSt @ 40°C	150.8	240.6	348.7	447.8
Viscosity SUS @ 210°F	75	83	107	140
cSt @ 100°C	14.88	19.98	25.81	30.1
Viscosity Index	98	96	97	96
Flash Point, °F	505	505	520	545
°C	263	263	271	285
Fire Point, °F	555	565	575	625
°C	291	296	302	329
API Gravity	29.1	28.7	27.2	26.6
Color	L 2.5	L 3.0	L 4.5	L 4.5
Pour Point, °F	0	+5	+15	+15
°C	-18	-15	-9	-9
Approximate SAE No.	SAE-40	SAE-40	SAE-60	SAE-70
ISO Grade	150	220	320	460
Aniline Point, °F	242	242	247	254
Oxidation per ASTM D-943-----	Typically Above 3000 Hr.-----			
4-Ball Wear mm Scar Diameter	0.46	0.44	0.45	0.45
Dielectric Strength-----	Typically Above 35 kv.-----			

(Over)

LUBRIPLATE HO-3, HO-4, HO-5 & HO-6 HD Lubricating Oils – Cont'd:**VISCOSITY SUS**

<u>TEMPERATURE</u>		HO-3	HO-4	HO-5	HO-6
		ISO 150	ISO 220	ISO 320	ISO 460
<u>°F</u>	<u>°C</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>
0	-17.8	80,000	125,000	310,000	425,000
10	-12.2	40,000	60,000	149,000	200,000
20	-6.7	22,000	32,500	70,000	100,000
30	-1.1	12,000	18,000	37,000	55,000
40	4.4	7,200	10,500	20,500	30,000
50	10.0	4,500	6,900	12,000	18,000
60	15.6	2,900	4,200	7,900	11,000
70	21.1	1,950	2,800	5,000	7,000
80	26.7	1,300	1,850	3,100	4,400
90	32.2	940	1,300	2,150	3,000
100	37.8	690	950	1,450	2,070
110	43.3	510	700	1,100	1,450
120	48.9	390	525	800	1,100
130	54.4	305	410	600	800
140	60.0	240	320	460	600
150	65.6	194	250	360	460
160	71.1	158	200	285	370
170	76.7	131	170	225	300
180	82.2	111	140	188	240
190	87.8	96	120	155	200
200	93.5	84	104	131	160
210	99.0	75	91	112	140
220	104.5	68	80	99	120
230	110.0	63	73	87	108
240	115.5	58	67	78	94

PART NUMBERS

	HO-3	HO-4	HO-5	HO-6
	ISO 150	ISO 220	ISO 320	ISO 460
<u>Packaging Available</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>	<u>HD Lubricating Oil</u>
Carton 4/1 Gallons	L0764-057	L0765-057	L0766-057	L0794-057
5 Gallon Pail	L0764-060	L0765-060	L0766-060	L0794-060
16 Gallon Drum	L0764-061	L0765-061	L0766-061	L0794-061
55 Gallon Drum	L0764-062	L0765-062	L0766-062	L0794-062