



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

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**PRODUCT DATA**

**LUBRIPLATE HYDRAULIC OILS**  
**HO-32, HO-46 & HO-68**

**DESCRIPTION**

LUBRIPLATE has developed a complete line of high performance, high and low pressure anti-wear hydraulic oils with excellent oxidation and thermal stability, water tolerance and hydrolytic stability and resistance to yellow metal corrosion. These LUBRIPLATE Hydraulic Oils meet the requirements of:

OEM	SPECIFICATION
Vickers (Eaton)	M-2950-S & I-286-S
General Motors	LS-2
Cincinnati Machine	P-68, P-69, P-70
Bosch Rexroth	RE 90 220
German Steel Industry	SEB 181222
DIN 51524	Part I & II
AFNOR NF E 48-603	Part I & II
U.S. Steel	No. 126, 127, 136
SAE	MS 1004

**APPLICATIONS**

These LUBRIPLATE Hydraulic Oils are designed for high performance, anti-wear hydraulic operations. These products minimize the formation of sludge and other corrosive breakdown products which can cause reduction of pump life, filter blocking, and interfere with efficient hydraulic power transfer. This is especially true of Servo valves in modern equipment where the close tolerances between valve assemblies can be hindered by even very low concentrations of sludge. These LUBRIPLATE "HO" Oils are also designed to resist the hydrolyzation of the combination of additives, high operating temperatures and the unavoidable, ever-present, moisture in hydraulic systems which, if not controlled, causes corrosion in phosphor-bronze parts and reduces the anti-wear performance, thus reducing pump life significantly.

**ADVANTAGES**

- ⇒ High performance anti-wear properties
- ⇒ Oxidation and thermal stability
- ⇒ Excellent filterability in fine filtration systems
- ⇒ Demulsibility
- ⇒ Hydrolytic stability for extended fluid life
- ⇒ Extended pump life
- ⇒ Resistance to yellow metal corrosion.



**Typical Test Data**

PROPERTY	TEST METHOD	TYPICAL RESULTS*		
		HO-32	HO-46	HO-68
Viscosity: cSt @ 40°C	D-445	34.79	46.34	69.83
cSt @ 100°C	D-445	5.2	6.4	8.2
SUS @ 100°F	D-2161	173	240	328
SUS @ 210°F	D-2161	47	51	55
SAE		10	20	20
ISO		32	46	68
Viscosity Index	D-2270	129	117	106
Flash Point	D-92	440°F/ 227°C	470°F/ 243°C	475°F/ 246°C
Fire Point	D-92	480°F/ 249°C	510°F/ 266°C	510°F/ 266°C
Pour Point	D-97	-40°F/ -40°C	-35°F/ -37°C	-20°F/ -29°C
Gravity	D-287	32.3	32.0	31.8
Color	D-1500	L-1	L-1	L-1.5
Aniline Point 220°F	D-611	220°F	240°F	250°F
Oxidation	D-943	***Typically above 3000 hours***		
Dielectric Strength	D-877	***Typically above 35 kV***		

**PACKAGING AVAILABLE**

- Carton, 4/1 Gallons
- 5 Gallon Pail
- 55 Gallon Drum

**HO-32**

- L0770-057
- L0770-060
- L0770-062

**HO-46**

- L0771-057
- L0771-060
- L0771-062

**PACKAGING AVAILABLE**

- Carton, 4/1 Gallons
- 5 Gallon Pail
- 55 Gallon Drum

**HO-68**

- L0772-057
- L0772-060
- L0772-062