



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

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LUBRIPLATE HYDRAULIC OILS

HO-32 • HO-46 • HO-68

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

Vickers (Eaton)
General Motors
Cincinnati Machine
Bosch Rexroth (formerly
Mannesman Rexroth)
German Steel Industry
DIN 51524
AFNOR NF E 48-603
U.S. Steel
SAE

Specification

M-2950-S and I-286-S
LS-2
P-68, P-69, P-70

RE 90 220
SEB 181222
Part I & II
Part I & II
No. 126, 127, 136
MS 1004

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.

These LUBRIPLATE Hydraulic Oils Provide Excellent -

- 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.

(Continued)

LUBRIPLATE HYDRAULIC OILS – HO-32, HO-46 & HO-68 – Cont'd:

TYPICAL TESTS

	<u>HO-32</u>	<u>HO-46</u>	<u>HO-68</u>
Viscosity cSt @ 40°C	34.79	46.34	69.83
Viscosity cSt @ 100°C	5.2	6.4	8.2
Viscosity SUS @ 100°F	173	240	328
Viscosity SUS @ 210°F	47	51	55
SAE	10	20	20
ISO	32	46	68
Viscosity Index	129	117	106
Flash Point	440°F/227°C	470°F/243°C	475°F/246°C
Fire Point	480°F/249°C	510°F/266°C	510°F/266°C
Pour Point	-40°F/-40°C	-35°F/-37°C	-20°F/-29°C
Gravity	32.3	32.0	31.8
Color	L-1	L-1	L-1.5
Aniline Point 220°F	220°F	240°F	250°F
Oxidation ASTM D-943	----- Typically Above 3000 Hours -----		
Dielectric Strength	----- Typically Above 35 kv -----		

PART NUMBERS

Packaging Available

	<u>HO-32</u>	<u>HO-46</u>	<u>HO-68</u>
Carton, 4/1 Gallons	L0770-057	L0771-057	L0772-057
5 Gallon Pail	L0770-060	L0771-060	L0772-060
16 Gallon Drum	L0770-061	L0771-061	L0772-061
55 Gallon Drum	L0770-062	L0771-062	L0772-062