



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

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

SPECIFICATION

M-2950-S & 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

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