



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

Sales, Service & Distribution Center
Newark, NJ 07105
Phone: 973-589-9150 Fax: 973-589-4432

Manufacturing, Sales, Service & Distribution Center
Toledo, OH 43605
Phone: 419-691-2491 Fax: 419-693-3806

Sales and Tech Service Support
Phone: 1-800-733-4755

PRODUCT DATA

LUBRIPLATE MARINE-SAFE HYDRAULIC OILS

ISO VG GRADES 32, 46, 68 & 100

DESCRIPTION

LUBRIPLATE Marine-Safe Hydraulic Oils are formulated with premium quality mineral oils which are inherently biodegradable. They have an ashless "zinc-free" anti-wear additive system. They are designed to meet or exceed the performance requirements of conventional hydraulic oils, yet provide an additional level of environmental safety should a leak or incidental oil spill occur.

LUBRIPLATE Marine-Safe Hydraulic Oils meet the following requirements:

- ⇒ Vickers 35VQ25 Vane Pump Test
- ⇒ Vickers V-104C (ASTM D-2882) Vane Pump Test
- ⇒ Racine Model "S" Variable Volume Vane Pump Test
- ⇒ Denison HF-0, HF-2
- ⇒ Cincinnati Milacron P-68, P-69, P-70

APPLICATIONS

LUBRIPLATE Marine-Safe Hydraulic Oils are high performance anti-wear hydraulic oils designed for use in high-pressure hydraulic equipment operating in environmentally sensitive areas.

ADVANTAGES

LUBRIPLATE Marine-Safe Hydraulic Oils are non-toxic to aquatic life, exceeding U.S. EPA LC50 test requirements adopted by the U.S. Fish and Wildlife Service and the U.S. Environmental Protection Agency. These environmentally safe hydraulic oils are compatible with other mineral based hydraulic oils and are easily recyclable.

LUBRIPLATE Marine-Safe Hydraulic Oils are long-life lubricants exceeding 10,000 hours on the D-943 TOST (Turbine Oil Oxidation Test). This is especially important in high output/high temperature hydraulic systems that put severe stress on the hydraulic fluid.

LUBRIPLATE Marine-Safe Hydraulic Oils are Inherently Biodegradable per ASTM D-5864.



Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*			
		ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 100
Viscosity: cSt @ 40°C	D-445	32.84	43.81	67.89	101.1
	cSt @ 100°C	5.62	6.74	8.90	11.25
ISO VG		32	46	68	100
Viscosity Index	D-2270	110	108	104	97
Color	D-1500	L-0.5	L-0.5	L-0.5	L-2.5
API Gravity	D-287	32.7	31.8	30.8	29.2
Specific Gravity	D-1298	0.8618	0.8665	0.8718	0.881
Pound/Gallon		7.18	7.22	7.26	7.33
Flash Point	D-92	440°F	470°F	475°F	475°F
Fire Point	D-92	480°F	510°F	510°F	545°F
Pour Point	D-97	-40°F	-35°F	-20°F	-10°F
TAN, mgKOH/g	D-974	0.3	0.3	0.3	0.3
Cu Corrosion	D-130A	1b	1b	1b	1b

PACKAGING AVAILABLE

5 Gallon Pail
55 Gallon Drum

ISO VG 32

L0822-060
L0822-062

ISO VG 46

L0823-060
L0823-062

PACKAGING AVAILABLE

5 Gallon Pail
55 Gallon Drum

ISO VG 68

L0824-060
L0824-062

ISO VG 100

L0825-060
L0825-062