



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

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**PRODUCT DATA**

**LUBRIPLATE MARINE-SAFE HYDRAULIC OILS**  
**No.'s 32, 46, 68 & 100**

**DESCRIPTION**

LUBRIPLATE Marine-Safe Hydraulic Oils are formulated with premium quality mineral oils and 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.



**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	D-445	5.62	6.74	8.90
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
Factor		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	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