



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

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## 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.

Marine Safe Series can be used in air compressors and turbines as an R&O type oil

### 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