



## **DIEKAN LP OILS**

### **(Very Low Pour High VI Hydraulic Fluids)**

**DIEKAN LP Oils** are designed for the most demanding hydraulic systems. They are formulated from selected base oils and a potent zinc dithiophosphate antiwear additive to provide outstanding performance under extremely low temperatures.

**DIEKAN LP Oils** allow users to operate in a wide range of temperatures due to its extremely high viscosity index allowing hydraulic systems to start easily at low temperatures without cavitation.

**DIEKAN LP Oils** are ideal for mobile equipment subjected to wide temperature variance.

**DIEKAN LP Oils** contain other selected additives to further enhance its performance such as rust preventives, defoamant and oxidation inhibitors. The results are a long-life fluid that provides maximum component protection and versatility.

These oils have long-lasting oxidation stability. The 13 grade is dyed red for easy identification.

#### **BENEFITS:**

- EXTRA HIGH VI FOR VERY LOW TEMPERATURES
- PREVENTS CAVITATION AT COLD STARTUP
- PROTECTS AGAINST WEAR
- NON-CORROSIVE TO BRASS OR BRONZE
- HIGH DIELECTRIC STRENGTH FOR CHERRY PICKERS
- ISO 13 DYED RED FOR EASY IDENTIFICATION

#### **APPLICATIONS:**

**DIEKAN LP Oils** are recommended for a wide range of mobile equipment operating in arctic environments or deep freezers. This includes backhoe loaders, cranes, excavators, bulldozers, aerial lifts, fire trucks, dump trucks, lift trucks and road graders.

Hydrostatic transmissions and fluidic control systems (lathes, screw machines) or instrumentation where power input is limited and increases in torque due to thickening cannot be tolerated.



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### TYPICAL CHARACTERISTICS

Grade	13	26
Product Code	15249	15250
Color (visual or ASTM D 1500)	red	L0.5
Density	0.86	0.849
Viscosity (ASTM D-445):		
cSt @ 40°C	15	25.5
cSt @ 100°C	4.9	8.47
Viscosity, Brookfield, cps @ -40 C (-40 F)	700	1000
Viscosity Index (ASTM D-2270)	300	300
Pour Point (ASTM D-97) °F (°C)	-85 (-65)	-80
Dielectric Strength, KV (ASTM D 877)*	25+	25+
Rust test, D 665	pass	pass
Copper Corrosion, ASTM D 130	1A	1A
Flash Point (ASTM D-92) °F (°C)	205 (96)	205 (96)
Operating range, F	-50 to +115	-45 to +120

\*Dielectric strength is at the point of manufacture.

The above data is subject to usual manufacturing variation. For more information and availability, call 1-800-442-LUBE.  
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