



**GARD NON-CON**  
Hydraulic Oil

Anti-Wear Hydraulic Oil for Electrical Service  
Average Oxidation Life Exceeding 3,000 Hours



REV: 07.26.2024



**DESCRIPTION**

Gard™ Non-Con Hydraulic Fluid is a stabilized non-zinc ashless anti-wear hydraulic fluid developed to meet the requirements of systems which operate in the vicinity of electrical applications. This oil is formulated to meet all basic industry standards of outside and industrial oils of this type.

Gard Non-Con Hydraulic Fluid provides high dielectric strength, environmentally friendly, good protection against rust and corrosion, good water separation, and resists foaming.

**BENEFITS**

- ❑ Free of zinc and ash forming components
- ❑ Meets requirements for use in electrical applications
- ❑ Environmentally friendly for aquatic and marine applications
- ❑ Good water separation characteristics
- ❑ Excellent low-temperature service
- ❑ Low foaming tendencies

**APPLICATION**

Gard Non-Con Hydraulic Fluid is recommended in outdoor and mobile hydraulic equipment such as aerial lifts, boom trucks, or cherry pickers where electrical conductivity or other concerns restrict the use of zinc containing oils or where equipment manufacturers recommend the use of this kind of fluid.

Gard Non-Con Hydraulic Fluid may be used in all systems with gear, vane, and piston pumps where premium anti-wear fluids would be recommended.

**PERFORMANCE RATING**

DIN 51524 - 1, 2, 3, (HL, HLP, HVLP)

AIST 127, AIST 136

US Steel 127, US Steel 136

Altec Warmer Weather Oil

Denison HF-0, HF-1, HF-2

Vickers M-2950-S, I286-S

TYPICAL PROPERTIES	METHOD	ISO 32
Color, ASTM	D-1500	L 1.0
Specific Gravity @15.6°C	D-1298	0.9053
Viscosity, cSt at 40°C	D-445	30.8
Viscosity, cSt at 100°C	D-445	5.7
Viscosity Index	D-2270	125
Flash Point, COC °C	D-92	175
Pour Point, °C	D-97	-50
Copper Corrosion	D-130	1a
Dielectric Strength, kV ML Reference No.	D-877	35 Typical *** 502506



**NOTE:**

\*\*\* Di-electric Strength is measured at time of packaging. Results may vary at use dependent upon atmospheric and storage conditions.

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Lubricants Technical Service Department.

**Health And Safety Information** See separate Safety Data Sheets available on request.

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