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.

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.

BENEFITS

- Free of zinc and ash forming components
- Meets requirements for use in electrical applications
- Environmentally friendly for aquatic and marine applications
- Meets EPA requirements for acute toxicity in aquatic life
- Additive approved for USDA HX-01
- Good water separation characteristics

EXEMPLARY PROPERTIES

- Excellent low-temperature service
- Low foaming tendencies
- Also suitable for paper mill, sliding, and roller bearing spur gears

PERFORMANCE

ISO6743/6 (CKB, CKC)
ISO6743/4 (HM, HV)
ISO12925 (CKB, CKC)
DIN 51517 parts 1, 2, 3 (C, CLP, CLP)
DIN 51524 - 1, 2, 3, (HL, HLP, HVLP)
DIN 15380 (HEES)
AGMA 9005-E02 (RO, EP)
AFNOR NF E48-603 (HM, HV)

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Method</th>
<th>ISO 32</th>
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<tbody>
<tr>
<td>Color, ASTM</td>
<td>D-1500</td>
<td>L 1.0</td>
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<tr>
<td>Specific Gravity at 15.6°C</td>
<td>D-1298</td>
<td>0.8806</td>
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<tr>
<td>Viscosity, cSt at 40°C</td>
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<td>30.14</td>
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<td>Viscosity, cSt at 100°C</td>
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<td>Viscosity Index</td>
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<td>Flash Point, °C (°F)</td>
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<td>Pour Point, °C (°F)</td>
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<td>Copper Corrosion</td>
<td>D-130</td>
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<td>RPVOT, minutes</td>
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<td>Foam Sequence II</td>
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<td>Dielectric Strength, kV</td>
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<td>44 Typical</td>
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<td>ML Reference No.</td>
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GARD NON-CON
Hydraulic Oil
Anti-Wear Hydraulic Oil for Electrical Service
Average Oxidation Life Exceeding 3,000 Hours

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.

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

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