ISO 46 Hydraulic Fluid

Nulon ISO 46 Hydraulic Fluid is suitable for a multitude of hydraulic systems. The unique blend maintains optimum viscosity characteristics over a wide temperature, operating pressure and speed range making it suitable for stationary and mobile hydraulic systems.

Nulon ISO 46 Hydraulic Fluid is blended with a high quality hydro-cracked mineral base fluid and the latest high performance, thermally stable zinc anti-wear additives, along with anti-foam, anti-corrosion and oxidation inhibitors for sustained performance and protection.

The unique high stable zinc anti-wear additive reduces wear on components and protects working surfaces thus reducing equipment down time. The anti-corrosion additives protect the hydraulic system against rust formation due to water contamination or moisture absorption. This coupled with the oxidation inhibitors prevent the formation of harmful sludge, reduces varnish and oil thickening.

Benefits

- Outstanding anti-wear performance
- Enhanced corrosion protection
- Excellent filterability
- Good oxidation resistance
- Superb anti-foam properties
- Excellent hydrolytic stability

Market Applications

- Earthmoving, construction and industrial equipment
- Truck hoists
- Ancillary hydraulic power take-off equipment
- Forklifts

Applications

Suitable for use in the following manufacturers:

- Amman (Rammax)
- Case
- Daewoo
- Ditch Witch
- Dynapac
- Fiat-Allis
- Hanomag
- Hyundai
- Ingersoll-Rand
- International
- John Deere
- Kato
- Kawasaki
- Kobelco
- Kunuta
- Mitsubishi
- Sakai
- Takeuchi
- TCM

Typical Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 46</td>
<td>46</td>
</tr>
<tr>
<td>KV @ 40°C (cSt)</td>
<td>47.08</td>
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<tr>
<td>KV @ 100°C (cSt)</td>
<td>7.153</td>
</tr>
<tr>
<td>Viscosity Index, ASTM D 2270</td>
<td>111</td>
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<tr>
<td>Density @ 15°C kg/L</td>
<td>0.8637</td>
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<tr>
<td>Air Release, minutes, IP313</td>
<td>3.60</td>
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<tr>
<td>Copper Corrosion @ 100°C, 3 hours, D130</td>
<td>1a</td>
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<tr>
<td>Pour Point, °C, ASTM D 97</td>
<td>-18</td>
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<tr>
<td>Rust Preventing Characteristics D665, Procedure B</td>
<td>Nil</td>
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<tr>
<td>Zinc content, Mass%</td>
<td>0.03</td>
</tr>
</tbody>
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Due to continued product research and development the information contained in this Product Bulletin is subject to change without notification.