



## Monolec® Hydraulic Oil (6115)

Specifically designed for hydraulic systems, such as bucket trucks and boom trucks, that require excellent low-temperature properties and high dielectric strength. This ISO 15 dielectric nonconductive hydraulic oil has a VI of 200 or more. It is a long-lasting, anti-foaming, dielectric hydraulic oil offering superior protection against water contamination, rust, corrosion and oxidation. Monolec Hydraulic Oil (6115) outperforms commercial hydraulic oils in thermal, oxidative and hydrolytic stability

	<b>6115</b>
<b>Color</b>	Red
<b>ISO VG / SAE Grade</b>	15
<b>Relative Density @ 60°F/60°F, ASTM D1298</b>	0.895
<b>Viscosity @ 100°C, cSt, ASTM D445</b>	4.910
<b>Viscosity @ 40°C, cSt, ASTM D445</b>	15.74
<b>Viscosity Index ASTM D2270</b>	≥200
<b>Flash Point °C (°F), (COC), ASTM D92</b>	115 (240)
<b>Pour Point °C (°F), ASTM D97</b>	<-60 (<-76)
<b>Rust Test 4 hrs @ 60°C, DI H<sub>2</sub>O, ASTM D665A</b>	pass
<b>Rust Test 4 hrs @ 60°C, Sea H<sub>2</sub>O, ASTM D665B</b>	pass
<b>Copper Corrosion 3 hrs @ 100°C, ASTM D130</b>	1a
<b>Emulsion Characteristics @ 54°C, oil-water-emulsion/minutes, ASTM D1401</b>	40-40-0/10
<b>Air Release 9.0-90.0 cSt@40°C: 50°C, minutes, ASTM D3427</b>	0.52
<b>Dielectric Strength Kv, ASTM D877, KV</b>	≥40

### Performance Requirements Met or Exceeded

- AIST 126, 127
- ASTM D6158
- Bosch-Rexroth RD 90220
- Denison (Parker-Hannifin) HF-0
- DIN 51524-3
- Eaton (Vickers) 694 (formerly M-2950-S and I-286-S)
- ISO 11158
- SAE MS 1004

### Typical Applications

- Boom trucks
- Bucket trucks
- Systems that require dielectric hydraulic oil

### Recommendation

- This product should not be used for fire-resistant hydraulic fluid applications.