



VP Racing Ultra Premium Silicone Free AW

DESCRIPTION

VP Racing Ultra Premium Silicone Free AW Hydraulic Fluids are premium high viscosity index anti-wear hydraulic oils developed to meet the requirements of modern hydraulic systems which operate at low or widely varying ambient temperatures. They are formulated with high quality base stocks to provide stability over a wide range of temperature. They contain specially selected anti-wear agents, rust and oxidation inhibitors, corrosion protection, rapid entrained air release, and anti-foamants for long life service up to 8,000 hours.

VP Racing Ultra Premium 32, 46, & 68 are premium anti-wear hydraulic fluids with outstanding low temperature characteristics. They are specially formulated for use in mobile equipment hydraulic circuits where wide temperature ranges are encountered. (Cherry pickers, bucket trucks and marine hydraulics).

PERFORMANCE BENEFITS

- Silicone free antifoamant for equipment or facilities that require no silicone
- Excellent oxidative stability providing long-life protection
- Excellent rust protection
- Non-conductive for use in cherry picker and bucket truck type operations
- Excellent anti-wear protection to pumps, motors, valves, and other hydraulic circuit components
- Excellent anti-foam protection
- Excellent multi-temperature applications
- Excellent thermal stability

PRODUCT APPLICATION

VP Racing Ultra Premium Silicone Free AW Hydraulic oil may be recommended for applications when a premium quality, anti-wear hydraulic oil is required by equipment manufacturers. The oils meet the rigorous performance requirements including Denison HF-O and HF-2, Cincinnati Milacron P-68, P-69, and P-70, Vickers M-2950-S and 1-286-S, DIN 51524 (Part II, III), ANSI 9005-E02-RO, ASTM D6158, GM LS-2, and US Steel 126,127. Passes Vickers 35VQ25 Pump Test.

VP Racing Ultra Premium Silicone Free AW Hydraulic oil provides excellent vane pump wear and protection. Extremely low pump part weight losses were encountered in the ASTM-D-2882 Vane Pump Wear Tests. Piston pump performance is also outstanding. No evidence of wear or distress was observed at the end of the 100.

Typical Physical Properties

Property	Method	22	32	46	68	100	150
ISO Grade		22	32	46	68	100	150
Viscosity, cSt @40°C	D-445	23.7	32.5	43.6	66.5	98.0	148.7
Viscosity, cSt @100°C	D-445	4.8	5.7	6.9	9.0	11.4	19.2
Viscosity Index	D-2270	120	115	115	112	107	120
Specific Gravity, @60°F	D-1250	.851	0.854	0.857	0.865	0.871	0.876
Flash Point, COC, °C(°F)	D-92	202 (396)	230 (446)	248 (478)	254 (489)	254 (489)	250 (482)
Pour Point, °C(°F)	D-97	-42 (-43)	-39 (-38)	-36 (-33)	-33 (-27)	-21 (-6)	-33 (-27)
Oxidation Stability, hours	D-943	6000+	6000+	6000+	6000+	2500	2500
Demulsibility (water separation)	D-1401	Pass	Pass	Pass	Pass	Pass	Pass
Color	D-1500	L1.0	L1.0	L1.5	L2.5	L3.5	L3.5

Minor variations in physical test results may occur through normal manufacturing

Always consult original equipment manufacturer's lubricant recommendation for proper fluid application.

