



VP Racing 6000 Hydraulic AW Oil

DESCRIPTION

VP Racing 6000 Hydraulic AW Oils are premium hydraulic, anti-wear fluids formulated from highly-refined base stocks and an advanced additive system to deliver ultimate equipment protection with maximum service intervals. They provide robust protection for hydraulic pumps and trouble-free operation in high-pressure circulating systems.

VP Racing 6000 Hydraulic AW Oil's high viscosity index delivers optimum fluid performance over a wide-range of operating temperatures and conditions. Their long-lasting performance and protection is supported by a 6,000+ HR rating (ISO AW 22, 32, 46 & 68) in the ASTM D-943 oxidation stability test.

PERFORMANCE BENEFITS

- Outstanding wear protection for critical system components
- Maximum protection and peak performance under heavy-load
- Maintains excellent water separating (demulsification) properties
- Protects sensitive servo valves for trouble-free operation
- Delivers smooth hydraulic operation through rapid air release
- Ultimate resistance to rust and oxidation
- Provides extended fluid service intervals

PRODUCT APPLICATION

Recommended for hydraulic pumps and high-pressure hydraulic circulating systems recommending:

Parker Hannifin (Denison) HF-O, HF-1, HF-2 & T6H2OC
 Eaton Vickers 35VQ25A Pump, M-2950-S & I-286-S
 Cincinnati Milacron P-68, P-69 & P-70
 AFNOR E 48-603, NFE 48-690 (dry) & NFE 48-691 (wet)
 DIN 51506, 51524-2 & 51524-3
 U.S. Steel 127 & 136

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	0.851	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.

