

ISO 32, ISO 46, and ISO68 HYDRAULIC FLUID

ANTI-WEAR HYDRAULIC FLUID

FVP Premium AW Hydraulic Fluid is a special hydraulic fluid formulated from highly-refined base stocks and an advanced additive system to deliver ultimate equipment protection with extended service intervals. FVP Premium AW Hydraulic Fluid delivers optimum fluid performance over a wide-range of operating temperatures and conditions. It also exhibits excellent demulsification (water separation) properties, even at high operating temperatures and operating pressures.

BENEFITS

- Formulated with premium base stocks provide oxidation resistance
- Provides active anti-wear agents to protect critical hydraulic system components
- Special additive chemistry to increase corrosion protection
- Formulated to minimize air entrainment

FEATURES

- Greater protection against thermal breakdown for longer oil life
- Excellent wear protection for increase equipment reliability
- Increased protection against rust and other chemical attack of metal components
- Smooth hydraulic operation through rapid air release and anti-foam action



Typical Physical Properties

Property	Test Method	ISO32-5GAL	ISO46-5GAL	ISO68-5GAL
Density @ 15°C, g/cm3	ASTM D4052	0.868	0.872	0.874
Viscosity @ 40°C, cSt	ASTM D445	32.4	47.675	64.716
Viscosity @ 100°C, cSt	ASTM D445	5.463	6.937	8.375
Viscosity Index	ASTM D2270	103.47	99.71	98.07
Flash Point, °C (°F)	ASTM D93	204 (400)	221 (430)	243 (470)
Pour Point, °C (°F)	ASTM D97	-41 (-42)	-37 (-35)	-32 (-26)

Minor variations in typical physical properties may occur from normal manufacturing processes.

Suitable for use in applications that require:

- AFNOR NF E 48-603 (HM, HV)
- AIST (US Steel) 126, 127
- ASTM D6158 HL, HM
- Bosch Rexroth RDE-90235
- DIN 51524, part 2 & 3 (HLP, HVLP)
- Eaton Brochure 694 for 35VQ25A
- Eaton I-286-5 & M-2950
- Fives Cincinnati P-68, P-69 & P-70
- GM LS-2 Anti-wear Hydraulic Oil
- ISO 6743/4 (HM, HV)
- ISO 11158 (HM, HV)
- Parker Denison HF-0, HF-1, HF-2

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