



MileGuard™ Premium MV AW Hydraulic Oils

MileGuard Premium MV AW Hydraulic Oils are premium quality multi-viscosity anti-wear hydraulic oils with outstanding cold temperature flow properties. They are designed for hydraulic systems, and pumps, operating under widely varying conditions and temperatures. These oils are characterized by outstanding rust protection, low deposit formation, rapid demulsibility and release of entrained air, oxidation resistance, low pour points and excellent anti-foam properties. They also contain an effective anti-wear agent that helps reduce wear in high-speed, high-pressure vane and gear pumps.

Benefits

- Outstanding cold temperature flow properties
- Rapid release of any entrained air
- Oxidation and thermal stability for long life
- Excellent rust and corrosion protection
- Exceptional shear stability
- Dielectric strength in excess of 35 kV

Meets or Exceeds (for appropriate viscosity grade)

- Cincinnati Lamb
- Hagglands-Denison HF-0 and HF-1, HF-2
- Vickers M-2950-S and I-286-S
- Vickers 3VQ25 and V104C vane pump tests
- Denison P-46 piston pump and T-6C vane pump tests
- DIN 51524 Part III



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Typical Characteristics:

	MV AW 32	MV AW 46
ISO Viscosity Grade	32	46
Specific Gravity	0.862	0.857
Flash Point °F (°C)	401 (205)	400 (204)
Pour Point °F.	-50	-60
Color	<0.5	1.0
Viscosity		
@ 40 °C, cSt	32	46.6
@100 °C, cSt	6.26	8.46
Viscosity Index	150	160
Gravity, °API	32.6	33.7
Rust Test, ASTM D665	Pass	Pass
Oxidation, ASTM D943	5000+	5000+
Dielectric Strength*, ASTM D877	35kV	35kV

*Note: The dielectric strength will decrease if the oil becomes contaminated with dirt, or even a very small amount of water.



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