



## MileGuard<sup>®</sup> Premium AW Hydraulic Oils

**MileGuard Premium AW Hydraulic Oils** are premium quality anti-wear hydraulic oils with excellent stability, designed to meet the most stringent requirements of most all major manufacturers and users of hydraulic equipment. They are formulated using Group II base stocks for increased oxidation performance. These oils are characterized by outstanding rust protection, low deposit formation, good demulsibility, rapid release of entrained air, oxidation resistance, low pour points and good 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

- Excellent wear protection
- Rapid release of any entrained air
- Oxidation and thermal stability for long life
- Excellent rust and corrosion protection
- Easy filterability

### 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
- Passes Vickers 3VQ25 and V104C vane pump tests
- Denison P-46 piston pump and T-6C vane pump tests
- U.S. Steel 127 and 136
- DIN 51524 Part II



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Typical Characteristics:

ISO Viscosity Grade	<b>32</b>	<b>46</b>
SAE Viscosity Grade	10W	20W
Specific Gravity	.871	.876
Flash Point °F ( °C )	405 (208)	405 (208)
Pour Point °F.	-30	-27
Color	2.0	2.0
Viscosity		
@ 40 °C, cSt	32	46
@100 °C, cSt	5.4	6.9
@ 100 °F, SUS	165	227
@ 210 °F, SUS	44	48
Viscosity Index	100	100
Gravity, °API	31.5	30.0
Rust Test, ASTM D665	Pass	Pass
Oxidation, ASTM D943	5000 +	5000 +
Total Acid Number, ASTM D664	0.6	0.6
Dielectric Strength*, ASTM D877, Pail	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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