AW32MV, AW46MV, AW68MV, AW100MV

TEC-GUARD DEFEND

TEC-GUARD DEFEND PREMIUM MV AW HYDRAULIC OILS

TEC-GUARD® DEFEND Premium MV AW Hydraulic Oils re premium-quality 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, 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.

TEC-GUARD® DEFEND Premium MV AW Hydraulic Oils are recommended for use in both mobile and stationary hydraulic systems operating under extremely cold ambient temperatures. They are also recommended for hydraulic systems of forklifts operating in cold storage warehouses.

APPLICATIONS

TEC-GUARD® DEFEND Premium MV AW Hydraulic Oils Cincinnati Lamb, Hagglunds-Denison HF-0 and HF-2, Vickers M-2950-S and I-286-S, exceeds Vickers 35VQ25 and V104C (ASTM D2882) vane pump tests, and Denison P-46 piston pump and T-6C vane pump tests.

BENEFITS

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

Test Method	AW32MV	AW46MV	AW68MV	AW100MV
ISO Viscosity Grade	32	46	68	100
Specific Gravity	0.862	0.868	0.880	0.878
Flash Point ,°F (°C)	401 (205)	350 (177)	460 (238)	470 (243)
Pour Point, °F	-50	-45	-48	-38
Color	<0.5	<0.5	<0.5	<0.5
Viscosity @ 40°C, cSt	32.0	46.0	68.0	100
Viscosity @ 100°C, cSt	6.26	8.34	10.5	13.3
@100. °F SUS	151	217	316	464
@210. °F SUS	46.7	53.5	61.0	71.3
Viscosity Index	150	156	140	134
Gravity °API	32.6	31.6	29.3	29.6
Rust Test, ASTM D665	Pass	Pass	Pass	Pass
Dielectric Strength, kV	35+	35+	35+	35+
Brookfield Viscosity				
@ -40 °C, cp	26,800	45,400	186,400	364,000
@ -25 °C, cp	6,400	4,400	10,600	21,400

DON'T POLLUTE. CONSERVE RESOURCES. RETURN USED OIL TO APPROVED COLLECTION CENTERS.

TEC-GUARD
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