



AW-68 Anti-Wear Hydraulic Oil

SAMS1 AW-68 Anti-Wear Hydraulic Oil is a superior quality general purpose anti-wear hydraulic fluid that contains additives to inhibit rust and minimize wear in high-speed, high-pressure vane, gear, and piston pumps over a wide operating temperature range. SAMS1 Anti-Wear Hydraulic Oils are formulated according to the ISO viscosity grade classifications that meet or exceed Cincinnati Machine P-68, P-69, P-70, Denison HF-0, HF-1, HF-2, Vickers 35VQ25, Eaton/Vickers M-2950-S, I-286-S, Ford M6C32, Chrysler, General Motors LS-2, and US Steel 136 performance specifications for stability and durability and comply with most industrial applications requiring a premium Anti-Wear Hydraulic Oil.

Benefits and Applications

- Excellent thermal stability
- Special additives provide sludge and deposit control, and longer service life
- Excellent rust and corrosion protection for all system components
- Provide superior water separation and demulsibility
- Excellent anti-foam protection and rapid air release
- Provides anti-wear protection for pumps, motors, valves and other hydraulic circuit components operating under high pressures and loads

Typical Characteristics - AW-68 Hydraulic Oil

ISO GRADE		68
AGMA Grade		2
Specific Gravity 15.6°C	ASTM D287	0.867
Flash Point, COC °C/°F	ASTM D92	246 / 474.8
Pour Point, °C/°F	ASTM D97	-33 / -27.4
Viscosity @ 40°C, cSt	ASTM D445	66.2
Viscosity @ 100°C, cSt	ASTM D445	9.0
Viscosity Index	ASTM D2270	111
Demulsibility D1401		Pass
Oxidation Stability D943 hrs		5000
Color		L 2.5

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.



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