

Signature® All Weather MV Hydraulic Fluid is a premium quality, multi-viscosity, fluid for year-round use in mobile hydraulic systems. The use of this clean, high quality anti-wear hydraulic oil reduces metal-to-metal contact across multiple pump types under the most severe pressure and temperature changes allowing uninterrupted power transmission without shudder or failure when compared to typical single grade viscosity oils. These fluids will provide:

- Stable viscosity across both high and low temperatures
- Improved pump efficiency due to consistent power transfer
- Increased work cycles per hour while reduce fuel consumption
- Superior anti-wear protection for pumps and components

Applications:

Signature® All Weather MV Hydraulic Fluid is designed for use in fluid power systems using gear, vane and piston pumps in mobile hydraulic systems. It is optimal for large fleet applications such as those involving marine on-deck machinery, actuated loading bins, and other demanding operating systems.

Certifications:

Signature® All Weather MV Hydraulic Fluid meets the requirements of Parker Denison HF-0; Eaton Brochure 03-401-2010; DIN 51524 PART 1,2,3; MAG IAS P-69; MAG IAS P-68; MAG IAS P-70; GM LS-2; JCMAS HK; U.S. Steel 127; U.S. Steel 136; Bosch Rexroth RD90220; and SAE MS1004

Typical Properties:

All Weather MV Hydraulic Fluid		
Specific Gravity, 60°F	ASTM D1298	0.84
Viscosity @ 40 °C (cSt)	ASTM D445	31.2
Viscosity @ 100°C (cSt)	ASTM D445	7.15
Viscosity Index	ASTM D2270	204
Flash, COC, °C	ASTM D92	220
Pour Point, °C	ASTM D97	-50
Brookfield Viscosity, -40 °C	ASTM D2983	9,980

*Values are typical and may vary within normal production ranges