

PresurFlo MV™



Product Description

D-A **PresurFlo MV™** hydraulic fluid is designed for all modern high-pressure hydraulic power systems used in construction equipment and stationary industrial installations. **PresurFlo MV™** products are multi-viscosity anti-wear hydraulic fluids with optimum level of anti-wear additive for maximum protection against scuffing and wear in hydraulic pumps and motors. Extensive testing has shown these oils exhibit excellent resistance to foaming and oxidation and have excellent anti-rust properties. **PresurFlo MV™** offers an expanded operating temperature range, a lower pour point, and a high viscosity index for improved cold temperature properties.

Product Features and Benefits

Limits wear in low- and high-pressure vane pumps for longer pump life and reduced operating cost.

Provides wear control for steel, brass and bronze pump parts when operating at maximum pressure ratings, resulting in excellent pump protection and more cost efficient operation.

Can be used in both mobile and stationary hydraulic equipment, giving service flexibility and minimized inventory.

Special rust and corrosion inhibitors limit rusting of ferrous metals and corrosion of yellow metals.

Water separation/demulsibility helps protect equipment in wet service environments.

Multi-Viscosity Hydraulic Fluid offers an expanded operating temperature range.

Typical Applications

Supports the performance requirements of:

AIST (U.S. Steel) 126, 127	Construction Machinery	JCMAS HK P041
ASTM D6158 HM	Denison HF-0, HF-1, HF-2	MAG IAS
Axial Piston Pumps	DIN 51524, parts 1, 2, 3	Rotary Air Compressors
Bosch Rexroth RD 90220	Eaton Brochure 03-401-2010	SAE MS 1004
Bosch Variable Volume Vacuum Pump	Eaton-Vickers I-286S, M-2950-S	Sauer Danfoss SEB 18122
Cincinnati Machine P-68 (ISO 32), P-69 (ISO 68)	General Motor LS-2	US Steel
P-70 (ISO 46)	Hydraulic Power Systems	
Commercial Hydraulics	Hydraulic Drills	
	Industrial Gear Drives	
	ISO 11158 HM	

Typical Properties

ISO Viscosity Grade	Test Method	32	46	68
SAE Viscosity Grade	Test Method	5W20	5W20	10W30
Viscosity @ 100°C, cSt	ASTM D445	6.0	7.6	10.12
Viscosity @ 40°C, cSt	ASTM D445	31.85	44.92	63.50
Viscosity Index	ASTM D2270	137	136	146
Pour Point, °F (°C)	ASTM D97	-40 (-40)	-36 (-38)	-33 (-36)
Flash Point, °F (°C)	ASTM D92	>428 (>220)	>428 (>220)	>439 (>226)
Dielectric Strength, kV (min)	ASTM D877	35	35	35
Oxidation Life, Typical Hours	ASTM D943	10,000	10,000	10,000

D-A Part Number:

Bulk	55151	55171	55161
Tote – 330 Gal	55153	55173	55163
Drum – 55 Gal	55152	55172	55162
Pail (Metal) – 5 Gal	55159	N/A	N/A
Pail (Plastic) – 5 Gal	55158	55178	55168