

Product Description

D-A **PresurFlo**™ hydraulic fluid is designed for all modern high-pressure hydraulic power systems used in construction equipment and stationary industrial installations. These oils are formulated with an 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.

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.

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	General Motor LS-2	US Steel
P-68 (ISO 32), P-69 (ISO 68)	Hydraulic Power Systems	
P-70 (ISO 46)	Hydraulic Drills	
Commercial Hydraulics	Industrial Gear Drives	
	ISO 11158 HM	

Typical Properties

Viscosity Grade	Test Method	10	22	32	46	68	100	150	220	320
Viscosity @ 100°C, cSt	ASTM D445	2.7	4.4	5.4	6.9	8.7	11.4	15	18	24.6
	ASTM D445	10	22	32	46	68	100	150	220	320
Viscosity Index	ASTM D2270	105	105	105	105	100	100	100	98	98
Pour Point, °F (°C)	ASTM D97	-33 (-36)	-38 (-39)	-35 (-37)	-24 (-31)	-13 (-25)	0 (-18)	5 (-15)	10 (-12)	14 (-10)
Flash Point, °F (°C)	ASTM D92	360 (182)	379 (193)	410 (210)	450 (232)	450 (232)	469 (243)	480 (249)	495 (257)	500 (260)
API Gravity	ASTM D1298	38.7	34.2	31.2	31	30	29.3	28.5	28	27.4
Dielectric Strength, kV (min)	ASTM D877	N/A	N/A	40	40	40	N/A	N/A	N/A	N/A
Oxidation Life, Typical Hours	ASTM D943	4,500	4,500	6,000	6,000	6,000	6,000	6,000	4,500	4,500

D-A Part Number:

Bulk	55041	55051	55091	55101	55111	55121	55131	55141	55211
Tote – 330 Gal	N/A	55053	55093	55103	55113	55123	55133	N/A	N/A
Drum – 55 Gal	55042	55052	55092	55102	55112	55122	55132	55142	55212
Pail (Metal) – 5 Gal	N/A	N/A	55099	55109	55119	55129	N/A	55149	N/A
Pail (Plastic) – 5 Gal	N/A	55058	55098	55108	55118	55128	55138	55148	55218