PresurFlo

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.

High Dielectric Strength in grades 22 thru 68 great for booms, bucket trucks, etc.

D-A Lubricant Company, Inc.
801 Edwards Drive
Lebanon, IN 46052

dalube.com

Phone: 800.645.5823
Fax: 765.482.3065
Email: dalube@dalube.com

Typical Applications

Supports the performance requirements of:

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

Typical Properties

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

D-A Part Number:

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