

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. D-A PresurFlo™ also provides superior service in industrial gear applications requiring rust and oxidation (R&O) inhibited lubricants.

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 as well as applications requiring an R & O oil for gear box and speed reducer lubrication, 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.

PRODUCT AT A GLANCE

- Hydraulic Fluid
- Designed for use in modern high pressure hydraulic systems
- R & O
- Antiwear
- Longer Pump Life
- Water Separation / Demulsibility



D-A Lubricant Company, Inc.

801 Edwards Drive, Lebanon, IN 46052 • TEL: 317.923.5321 • FAX: 765-482-3065 • EMAIL: dalube@dalube.com
www.dalube.com



Typical Applications

Axial Piston Pumps
Construction Machinery
Hydraulic Power Systems
Hydraulic Drills
Industrial Gear Drives
Rotary Air Compressors
AIST (U.S. Steel) 126, 127, 136
ASTM D6158 HM
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
DIN 51524, parts 1, 2, 3
Eaton Brochure 03-401-2010
Eaton-Vickers I-286S, M-2950-S

General Motors LS-2
ISO 11158 HM
JCMAS HK P041
Parker Hannifin HF-0, HF-1, HF-2
SAE MS 1004
Sauer Danfoss
SEB 181222

Typical Properties

PresurFlo Grade	ASTM	5W-20	10W-30	10*	22*	32	46	46M	68	100	150	220	320	460
ISO Viscosity Grade	D2422	32	68	10	22	32	46	46	68	100	150	220	320	460
SAE Grade	J-300	5W-20	10W-30	0W	5W	5W	10W	10W	20	30	40	50	60	140
AGMA Grade		n/a	2	n/a	n/a	n/a	1	1	2	3	4	5	6	7
Viscosity														
@ 210°F, SUS	D445	46.3	62.5	35.5	41.8	44.3	47.3	56.1	55.3	65	80.5	92.2	121.3	153.4
@ 100°F, SUS	D445	160	332	62.2	116.8	165.1	237.1	233.9	352.7	521.2	786.3	1167	1700	2458
@ 100°C, cSt	D445	6.0	10.5	2.7	4.35	5.4	6.9	8.4	8.7	11.4	15.0	18.0	24.6	31.4
@ 40°C, cSt	D445	31	65	10	22	32	46	46	68	100	150	220	320	460
Viscosity Index	D2270	145	150	105	105	105	105	160	100	100	100	98	98	98
Flash Point, °F	D92	415	440	360	380	410	430	425	450	470	480	495	500	525
Pour Point, °C	D97	-35	-27	-36	-39	-37	-31	-40	-25	-18	-15	-12	-10	-3
API Gravity @ 60°F	D287	31.5	30.3	38.7	34.2	31.2	31.0	31.9	30.0	29.3	28.5	28.0	27.4	26.5
Oxidation Life, Hours	D943	_____						2600+	_____					
Rust Test	D665	_____						Pass	_____					
Copper Corrosion	D130	_____						1a	_____					
Foam Test	D892	_____						Pass	_____					
FZG, Pass Stage	D5182	12	12	n/a	n/a	12	12	12	12	12	12	12	12	12

*Special Order only. Minimum shipping quantities and longer delivery time applies.

D-A Part Number	PresurFlo Grade	5W-20	10W-30	10*	22*	32	46	46M	68	100	150	220	320	460
	Bulk	55151	55161	55041	55051	55091	55101	55171	55111	55121	55131	55141	55211	55221
	Drum, 55 Gal	55152	55162	n/a	55052	55092	55102	55172	55112	55122	55132	55142	55212	55222
	Plastic Pail, 5 Gal	55158	55168	n/a	55058	55098	55108	55176	55118	55128	55138	55148	55218	55228
	Metal Pail	55159	n/a	55059	55099	55109	n/a	55119	55129	55139	55149	n/a	n/a	n/a

To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

D-A Lubricant Company, Inc.

801 Edwards Drive, Lebanon, IN 46052 • TEL: 317.923.5321 • FAX: 765-482-3065

Email: dalube@dalube.com • www.dalube.com