

# Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.



## Valvoline and Eaton's Premium Hydraulic Fluid

Valvoline and Eaton's Premium Hydraulic Fluid, endorsed by Eaton Corporation, is a world class hydraulic fluid jointly developed by Valvoline and Eaton. It is comprised of a unique blend of balanced proprietary additives and premium mineral baseoils designed to provide superior protection in today's modern high-pressure, high-speed severe applications in both industrial stationary and mobile applications.

### Valvoline and Eaton's Premium Hydraulic Fluid Advantage

- Superior hydrolytic stability along with outstanding protection from corrosion and rust, leads to longer equipment life and lower replacement costs.
- Boosted level of high quality, hydrolytically and thermally stable, zinc dithiodialkylphosphate (ZDDP) provides excellent wear and oxidation protection, without any compromise to overall performance.
- Outstanding sludge prevention keeps sludge and it's byproducts from forming on critical parts such as spool valves and pen filters.
- Broad operating range for a monograde hydraulic fluid, with excellent low and high temperature performance.
- Contains a balanced elastomer conditioning additive to prolong life of hoses and seals.

Exceeds all Eaton/Vickers performance requirements where anti-wear hydraulic fluids are specified. It excelled in Eaton's proprietary Vickers 35VQ25, extended (and more severe) pump test, Eaton ATS 373D (ASTM D6973-05), as well as successfully completed Eaton's in-house Char-Lynn motor test. See equipment operating manual for recommended service and viscosity grade

<b>Approvals/Formulated to Meet Performance</b>	<b>ISO 32</b>	<b>ISO 46</b>	<b>ISO 68</b>
Endorsed and recommended by Eaton Corporation	X	X	X
Eaton's Premium Grade recommendation (3-401)	X	X	X
Exceeded in the proprietary and severe Vickers 35VQ25 extended pump test	X	X	X
Meets or exceeds requirements of Eaton's Char-Lynn motors	X	X	X
Vickers M-2950-S, Vickers I-286-S	X	X	X
Cincinnati Machine	P-68	P-70	P-69
AIST 126, 127	X	X	X
DIN 51524-2: 2006	X	X	X
ISO 11158 HM	X	X	X
SEB 181222	X	X	X
<b>Typical Properties</b>	<b>ISO 32</b>	<b>ISO 46</b>	<b>ISO 68</b>
Viscosity @ 40 C, cSt	32.0	46.0	68.0
Viscosity @ 100 C, cSt	5.5	7.0	9.0
Viscosity Index	108	109	106
Brookfield Viscosity @ - 25 C, cP	4600	9700	19750
Pour Point, deg. C	-36	-33	-30
Specific Gravity @ 15.6 C	0.866	0.870	0.873
Flash Point, COC, deg. C min	228	228	230
<b>Part Numbers</b>	<b>ISO 32</b>	<b>ISO 46</b>	<b>ISO 68</b>
Bulk	593778	593777	593776
55 Gallon Drum	597006	597005	594894
5 Gallon Plastic Pail	597002	597003	597004

Refer to Valvoline's Material Safety Data Sheet for health and safety information.

This information only applies to products manufactured in the following location(s): USA, Canada.

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