

PRODUCT INFORMATION



VALVOLINE™ ANTI-WEAR HYDRAULIC OIL

Valvoline Anti-Wear (AW) Hydraulic Oil is formulated with group II base oils and premium additives for use in a wide variety of hydraulic systems. **AW Hydraulic Oil** is zinc-based, non-detergent oil with excellent oxidation and demulsibility characteristics and contain rust and foam inhibitors. **AW Hydraulic Oil** has excellent D943 Oxidation Life, and a D665A/B no rust pass.

The excellent demulsibility and VI of **AW Hydraulic Oil** proves highly useful in mobile equipment applications. Other suitable applications (of proper grades) include lubrication of machine tools, servo controls, metalworking equipment, as light duty crankcase oils, circulating systems, bearings/journal (anti friction) and gear cases. **Do not use** in ammonia compressors, as heat transfer oils, with silver bearings or at prolonged temperatures above 200° F.

Recommended for the following applications:	ISO 32	ISO 46	ISO 68	ISO 100
Fives Cincinnati P-68	X	-----	-----	-----
Fives Cincinnati P-70	-----	X	-----	-----
Fives Cincinnati P-69	-----	-----	X	-----
Ford M6C32-D	X	X	X	X
ASTM D6158 HM	X	X	X	X
Parker Denison HF-0/HF-1/HF-2	X	X	X	X
Eaton Brochure 03-401-2010	X	X	X	X
Bosch Rexroth RDE 90240	X	X	X	X
U.S. Steel 126, 127, 136	X	X	X	X
DIN 51524, Part 2	X	X	X	X
JCMAS HK	X	X	X	X
AFNOR E 48-603	X	X	X	X
General Motors LS-2, LH-03, LH-04, LH-06	X	X	X	X
Joy Mining Machinery HO-T	-----	X	-----	-----
Joy Mining Machinery HO-S	-----	-----	X	-----

Typical Properties:	ISO 32	ISO 46	ISO 68	ISO 100
KV100 (cSt)	5.52	6.92	8.85	11.44
KV40 (cSt)	32	46	68	100
Viscosity Index	109	106	103	101
Specific Gravity @ 60°F	0.870	0.875	0.882	0.885
Pour Point (°C)	-42	-39	-36	-30
Flash Point - COC °F	390	400	480	490
Oxidation Test ASTM D943 to a 2.0 Neut., Hrs.	>6000	>6000	>4500	>3500

Part Numbers:	ISO 32	ISO 46	ISO 68	ISO 100
Bulk	VV0400	VV0420	VV0440	VV702060
Tote	841547	853121	853215	846919
55 Gallon Drum	VV040	VV042	VV044	VV70206
5 Gallon Pail	VV041	VV043	VV045	-----

In a clean, dry condition, this oil will typically exceed 30 kv when tested by ASTM D-877 Dielectric Breakdown Voltage of Insulating Liquids.

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

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

Effective Date:
8/16/21

Author:
JW