

# Product Information

A PRODUCT OF VALVOLINE



## Valvoline® AW HVI Hydraulic Fluids

Valvoline's AW-HVI Hydraulic Fluids are premium multi-grade high viscosity index anti-wear hydraulic oils developed to meet the requirements of modern hydraulic systems which operate at low or widely varying ambient temperatures. They are formulated with high quality distillate stocks to provide excellent stability and contain specially selected anti-wear agents, rust and oxidation inhibitors, and anti-foamants to give long life, corrosion protection, and rapid entrained air release. They are recommended for mobile equipment applications and other systems that have wide variations in system operating temperatures. The multi-grade characteristics allow them to function at low operating temperatures while maintaining sufficient body and viscosity to prevent excessive leakage and pump damage as the system operating temperature increases.

TYPICAL PROPERTIES	AW 32 HVI	AW 46	AW 68
Gravity, degree API	33.8	32.4	31.7
Flash Point - COC, °F min.	390	410	420
Fire Point - COC, °F min.	440	460	470
Viscosity @ 40° C, cSt	34.0	46.0	65.0
Viscosity Index	158	148	144
Color, ASTM	1.0	1.0	1.0
Pour Point, °C max.	-36	-33	-33
Oxidation Test, ASTM D-943 to a 2.0 Neutralization Number	>4500	>4500	>4500
Rust Test, ASTM D-665 Procedure A & B	Pass	Pass	Pass
<b>Part Numbers</b>			
Bulk	VVHVI32	VVHVI46	752642
55 Gallon Drum	VV70202	VV70203	752641

In a clean, dry condition, this oil will typically exceed 25 kv when tested by ASTM D-877 Dielectric Breakdown Voltage of Insulating Liquids.

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

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

Effective Date:	Expiration Date:	Replaces:	Author's Initials:	Code
01/07/2011	N/A	06/02/2010	JRT	PI 1101

**ASHLAND**