

PRODUCT INFORMATION



VALVOLINE™ ULTRAMAX AW 32 / 46 / 68 / 100 (HLP)

Premium Anti-Wear Hydraulic oil for modern high pressure industrial and mobile equipment

Valvoline Ultramax AW Oils are specially formulated for use in hydraulic systems employing high performance pumps. They possess excellent oxidation, demulsibility characteristics & high FZG rating. The products are further fortified with rust & foam inhibitors.

Valvoline Ultramax AW Oils are formulated to meet DIN 51524 Part 2, Dennison HF-0, Dennison HF-2 specifications. They have very good filterability, anti-foam-properties, high viscosity index, excellent film strength & anti-wear properties to minimize wear in pumps, rings, valves, pistons, cylinders, etc. Outstanding oxidation and thermal stability of these oils provides longer oil life and clean hydraulic systems for maximum operating efficiency.

PERFORMANCE LEVEL
Parker Hannifin HF-0/HF-1/HF-2
Eaton Brochure 03-401-2010
Bosch Rexroth
U.S. Steel 126, 127, 136
DIN 51524, Part 2 (HLP)
JCMAS
AFNOR E 48-603
General Motors LS-2, LH-03, LH-04, LH-06

Typical properties:

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

Typical Characteristics	32	46	68	100
ISO VG	32	46	68	100
Kinematic Viscosity, cSt @ 40°C	31.8	46.2	67.9	99.1
Viscosity Index	106	109	105	102
Pour Point, °C, Max.	-24	-24	-24	-18
Flash Point, COC, °C	220	230	230	230
FZG Test, Fail Stage	11	11	11	11
Oxidation test ASTM D943, Hrs.	>6000	>6000	>5000	>4000
Rust Test D665, A&B, 24 hrs.	Pass	Pass	Pass	Pass
Demulsion Test, 40-37-3, minutes	20	20	20	24

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales representative or through our website <https://sds.valvoline.com/>

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

Effective date
AUG 2020

Author
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