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# Product Information

A PRODUCT OF VALVOLINE INC. USA



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## VALVOLINE ULTRAMAX AW 32 / 46 / 68 / 100

**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 Cincinnati Milacron P-69, DIN 51524 Part 2, Dennison HF-0, Dennison HF-2 specifications. They have good filterability, anti foam-properties, high viscosity index, excellent film strength & anti-wear properties to minimize wear in pumps, rings, valves, pistons, cylinders, etc.

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### Performance levels / Approvals

Denison Hydraulics HF-0, Including T6H20C dry and wet phase performance,  
Eaton M- 2950-S ( Mobile equipment)  
Eaton I – 286-S3( Industrial equipment)  
Cincinnati Machine P-68, P-69 & P-70  
DIN 51524 Part II , HLP  
AFNOR NF E 48-603 (HM)  
ASLE 64 -1 to 64-4, 70-1 to 70-3  
CETOP RP91H

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### Typical Characteristics

ISO VG	32	46	68	100
Kinematic Viscosity, cSt @ 40°C	31.8	46.2	67.9	99.1
Viscosity Index	95	95	95	95
Pour Point, °C, Max.	-24	-24	-24	-18
Flash Point, COC, °C	210	210	210	210
FZG Test, Pass Stages	9	9	9	10
Rust Test D665, A&B, 24 hrs.	Pass	Pass	Pass	Pass
Demulsion Test, 40-37-3, minutes, max.	30	30	30	30

Available configurations: 1 x 18 L, 1 x 200L

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

Effective date  
12<sup>th</sup> Sep 2017

Authors Initials  
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