

# Product Information

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## Valvoline™ Ultramax HVLP

402/03

Valvoline Ultramax HVLP is a premium multigrade mineral hydraulic oil formulated to provide modern hydraulic systems with superior anti-wear protection and heavy duty service performance even in extreme climatic conditions. The product has excellent low temperature properties and can be used in hydraulic systems working in very low temperatures.

Approvals/performance levels	Viscosity Grade		
DIN 51524(part 3)	32	46	68
ISO 11158 HV	32	46	68
Sperry Vickers M-2950-S/I-286-S	32	46	68
US Steel 127	32	46	68
Thysen-TH N-256132	32	46	68

Typical Properties	32	46	68
Viscosity, mm <sup>2</sup> /s @ 100 °C	6.2	8.0	10.4
Viscosity, mm <sup>2</sup> /s @ 40 °C	32	46	68
Viscosity Index	148	146	150
TAN; mg KOH/g (ASTM D-664)	0.6	0.6	1.0
Pour Point, °C	-48	-42	-33
Specific Gravity @ 15/15°C	0.859	0.866	0.873
Flash Point, COC, °C	>213	>221	>140

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

Effective Date:	Replaces:	Author's Initials:	Code
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**ASHLAND**