



Valero VP Lubricant Base Oils Blended Oil Specifications

The Valero VP series of blended oils are manufactured via a state of the art in-line blending system utilizing Valero's premium quality fully refined paraffinic base oils. The below products are suitable for use in automotive, industrial and other product applications. Additional product blends may be made available upon request.

Valero VP		200	250	300	325	350	610
		200" Solvent Neutral	250" Solvent Neutral	300" Solvent Neutral	325" Solvent Neutral	350" Solvent Neutral	610" Solvent Neutral
Date: 5/23/07							
METHOD	TEST	SPECIFICATIONS					
VISUAL	Appearance	< ----- CLEAR & BRIGHT ----- >					
D4052	API Gravity	30.0 TYP	29.5 TYP	29.5 TYP	29.3 TYP	29.0 TYP	28.6 TYP
D445	Viscosity @ 40°C, cSt @ 100°C, cSt	35.9/42.0 6.2 TYP	44.7/52.8 7.1 TYP	53.2/61.9 7.8 TYP	58.3/67.8 8.2 TYP	66.0/74.0 8.9 TYP	109-116.5 12.0 TYP
D2270	Viscosity Index	95 MIN	95 MIN	95 MIN	95 MIN	95 MIN	92 MIN
D97	Pour Point, °C	-6 MAX	-6 MAX	-6 MAX	-6 MAX	-6 MAX	-6 MAX
D92	COC Flash Point, °C	216 MIN	216 MIN	218 MIN	218 MIN	218 MIN	229 MIN
D1500	ASTM Color	L1.0 TYP	L1.0 TYP	L1.0 TYP	L1.0 TYP	L1.0 TYP	L1.5 TYP

The Valero VPi series of blended oils are specially formulated for industrial based product applications.

Valero VP		230i	330i	500i	600i
		230" Solvent Neutral	330" Solvent Neutral	500" Solvent Neutral	600" Solvent Neutral
METHOD	TEST	SPECIFICATIONS			
VISUAL	Appearance	< ----- CLEAR & BRIGHT ----- >			
D4052	API Gravity	29.5 TYP	28.4 TYP	27.6 TYP	27.4 TYP
D445	Viscosity @ 40°C, cSt @ 100°C, cSt	40.3/48.0 6.5 TYP	59.4/68.4 8.5 TYP	92.0/102.0 10.2 TYP	109/116.5 11.9 TYP
D2270	Viscosity Index	95 MIN	95 MIN	92 MIN	92 MIN
D97	Pour Point, °C	-6 MAX	-6 MAX	-6 MAX	-6 MAX
D92	COC Flash Point, °C	216 MIN	218 MIN	226 MIN	229 MIN
D1500	ASTM Color	L1.0 TYP	L1.0 TYP	L1.0 TYP	L1.5 TYP

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