



Valero VP Paraffinic Process Oil Specifications

The Valero VP paraffinic oil product line is manufactured via distillation, solvent extraction and catalytic dewaxing of a consistent crude source. The Valero VP paraffinic oils are available in a wide range of viscosities and are commonly used as lubricant base oils in automotive, railroad, industrial and marine engine oils and/or as process oils by the rubber, paper and chemical industries.

Valero VP		100	165	500	700	150 BS
		100" Solvent Neutral	165" Solvent Neutral	500" Solvent Neutral	700" Solvent Neutral	150" Solvent Bright
METHOD	TEST	SPECIFICATIONS				
VISUAL	Appearance	←----- CLEAR & BRIGHT ----->				
D4052	API Gravity	33.1 TYP	30.2 TYP	28.7 TYP	26.8 TYP	24.9 TYP
D445	Viscosity @ 40 °C, cSt @ 100 °C, cSt	18.6/21.0 4.0 TYP	29.2/34.2 5.4 TYP	91.5 TYP 10.1/11.6	146.4 TYP 13.0/15.0	488.0 TYP 30.6/32.7
D2270	Viscosity Index	95 MIN	95 MIN	95 MIN	90 MIN	95 MIN
D5293	CCS @ -25°C, Cp CCS @ -20°C, Cp	1500 MAX	2800 MAX			
D97	Pour Point, °C	-18 MAX	-9 MAX	-6 MAX	-6 MAX	-3 MAX
D92	COC Flash Pt, °C	193 MIN 206 TYP	215 MIN 220 TYP	226 MIN 259 TYP	232 MIN 272 TYP	293 MIN 306 TYP
D4294	Sulfur, Wt. %	0.4% MAX	0.45% MAX			
D1500	ASTM Color	L0.5 TYP/1.5 MAX	L0.5 TYP/ 1.5 MAX	L1.0 TYP/ 2.0 MAX	L1.5 TYP/ 2.5 MAX	L3.0 TYP/ 5.5 MAX
D5800	Noack Vol, Wt. %	29.5 MAX	19.0 MAX			

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