



Base

GROUP III BASE OILS

Vertex Energy and Penthol have come together to offer a high quality Base Oil option designed to provide our customers maximum value and flexibility within their operations. Based on proven ADNOC Technology, **AD Base** Group III Base Oils fulfill today's ever demanding High Viscosity Index, Low Temperature, and Volatility Requirements. In PCMO applications, Vertex-Penthol's **AD Base** Group III Base Oils can be used to formulate API Licensed Engine Oils.



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Product Specifications

Test	Test Method	Unit	AD BASE 4	AD BASE 6	AD BASE 8
			Vertex-Penthol* Group III	Vertex-Penthol* Group III	Vertex-Penthol* Group III
			Typical	Typical	Typical
Appearance	Visual		Clear and Bright	Clear and Bright	Clear and Bright
Color	ASTM D1500		L0.5	L0.5	L0.5
Density @ 15C	ASTM D4052	g/ml	0.8304	0.8353	0.8416
Viscosity, Kinematic @ 100C	ASTM D445	cSt	4.24	5.84	7.87
Viscosity, Kinematic @ 40C	ASTM D445	cSt	18.92	30.41	47.25
Viscosity Index	ASTM D2270		132	139	136
Pour Point	ASTM D97, D5949 or D5950	°C	-25	-23	-21
Flash Point	ASTM D92	°C	230	238	270
Evaporation Loss, Noack Method	ASTM D5800	wt%	13.7	7.5	2.3
Apparent Viscosity by CCS @-30C	ASTM D5293	cP	1168	3118	6795

*Note: Exclusive ADNOC distributors



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