

Blue Tide Base Oil Specifications



Test	Test Method	BT 70			BT 120			BT 220		
		Min	Typical*	Max	Min	Typical*	Max	Min	Typical*	Max
Kinematic Viscosity										
cSt @ 40 °C	ASTM D445	10.5	12.5	14.5	21.5	24.1	26.5	40.5	42.5	44.5
cSt @ 100 °C	ASTM D445	--	3.0	--	--	4.7	--	--	6.8	--
Viscosity Index	ASTM D2270	--	94	--	--	115	<120	--	116	<120
Color	ASTM D1500	--	L 0.5	1.0	--	L 0.5	1.0	--	L 1.5	1.5
Appearance	Visual	--	Clear & Bright	--	--	Clear & Bright	--	--	Clear & Bright	--
Specific Gravity @ 15°C (60°F)	ASTM D4052	--	0.83	--	--	0.84	--	--	0.86	--
Flash Point, °C	ASTM D92	170	196	--	200	228	--	220	240	--
Pour Point, °C	ASTM D5950	--	-21	-18	--	-18	-15	--	-15	-12
Cold Cranking Simulator										
cP @ -20 °C	ASTM D5293	--	249	--	--	858	--	--	2337	3100
cP @ -25 °C	ASTM D5293	--	429	--	--	1496	1950	--	4171	--
cP @ -30 °C	ASTM D5293	--	780	--	--	2664	--	--	7979	--
Evaporation Loss, NOACK, wt%	ASTM D5800	--	--	--	--	12.5	15.0	--	6.0	10.0
Sulfur, ppm	ASTM D5185	--	<50	150	--	<50	150	--	<50	150
Saturates, wt%	ASTM D2007	90.0	>95.0	--	90.0	>95.0	--	90.0	>95.0	--

Note: *Typicals and Min/Max Specs - Subject to change

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