

## Blue Tide Base Oil Specifications

Test	Test Method	BT 70			BT 120			BT 220		
		Min	Typical*	Max	Min	Typical*	Max	Min	Typical*	Max
<b>Kinematic Viscosity</b>										
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	--
<b>Viscosity Index</b>	ASTM D2270	--	94	--	--	115	120	--	116	120
<b>Color</b>	ASTM D1500	--	L 0.5	1.0	--	L 0.5	1.0	--	L 1.5	1.5
<b>Appearance</b>	Visual	--	Clear & Bright	--	--	Clear & Bright	--	--	Clear & Bright	--
<b>Specific Gravity @ 15°C (60°F)</b>	ASTM D4052	--	0.83	--	--	0.84	--	--	0.86	--
<b>Flash Point, °C</b>	ASTM D92	170	196	--	205	228	--	215	240	--
<b>Pour Point, °C</b>	ASTM D5950	--	-21	-18	--	-18	-15	--	-15	-12
<b>Cold Cranking Simulator</b>										
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	--
<b>Evaporation Loss, NOACK, wt%</b>	ASTM D5800	--	--	--	--	12.5	15.0	--	6.0	10.0
<b>Sulfur, ppm</b>	ASTM D5185	--	<300	300	--	<300	300	--	<300	300
<b>Saturates, wt%</b>	ASTM D2007	90.0	>95.0	--	90.0	>95.0	--	90.0	>95.0	--

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