



***Borealis 2 Cycle***  
**Synthetic Two-Cycle Engine Oil**

**Product Description**

**Borealis 2 Cycle Synthetic Two-Cycle Engine Oil** is a premium, synthetic 2-stroke engine oil designed for use in water or air-cooled two-cycle engines. This product is formulated with synthetic base oils and premium performance additive package which contains anti-oxidants, defoamers, anti-wear compounds, dispersants, and friction modifiers. This synthetic product provides enhanced engine cleanliness, prevents ring sticking, reduces spark plug fouling and eliminates engine smoking. Synthex Duo Synthetic Two-Cycle Engine Oil is suitable for use in wide array of applications including outboard engines, motorcycles, lawn mowers, scooters, golf carts, chain saws, and other two-stroke powered equipment.

**Typical Properties\***

Parameter	Result
Appearance, Visual	Blue, Dyed, Liquid
Viscosity @ 40°C, cSt, ASTM D445	38.0
Viscosity @ 100°C, cSt, ASTM D445	7.4
Viscosity Index, ASTM D2270	165
Flash Point, °C, ASTM D92	150
Pour Point, °C, ASTM D97	-45
Total Base Number, mg KOH/g, ASTM D2896	5
Sulfated Ash, wt. % ASTM D874	<0.1

\*The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Fuel Mixing Ratio, Ounces of Oil to Gallons of Gasoline						
Gas Vol	1 Gal	2 Gal	3 Gal	4 Gal	5 Gal	6 Gal
Gas : Oil	Oz	Oz	Oz	Oz	Oz	Oz
16 : 1	8	16	24	32	40	48
20 : 1	6	13	19	26	32	38
24 : 1	5	11	16	21	27	32
25 : 1	5	10	15	20	26	31
40 : 1	3	6	10	13	16	19
50 : 1	3	5	8	11	13	16

**Suitable for Use:** NMMA TC-W3, API TC **Product Codes:** SDE698