



TWO-CYCLE ENGINE OIL

Sinclair Arctic Fire 2-Cycle Engine Oil is a premium quality lubricant which provides outstanding protection for 2-Cycle engines including those powering outboard motors, lawnmowers, weed trimmers, motorcycles, chainsaws, snowmobiles and other equipment. Because of the unique solvent system used in Sinclair Arctic Fire 2-Cycle Engine Oil, this product is not required to be labeled "COMBUSTIBLE."



APPLICATIONS

- 2-cycle outboard motors including those with oil injection systems or those requiring pre-mixing up to 50:1 ratio and beyond.
- 2-cycle lawnmower engines.
- Two-cycle snowmobile engines requiring an SAE Miscibility/Fluidity Grade 3 lubricant, readily mixes with fuel, or is pumpable at temperatures down to -13 °F.
- Motorcycles with 2-cycle engines.
- Golf carts with 2-cycle engines.
- Most chain saws, weed trimmers, edgers and other equipment, which are powered with 2-cycle engines.
- Ashless type oil for water-cooled engines.

WARNING: NOT FOR USE IN 4-CYCLE ENGINES

PERFORMANCE

- **Helps Extend Engine Life** Increased detergency and provides better overall engine cleanliness and extended engine life. Lessens ring sticking and piston deposits.
- **Reduces Friction** - Friction reduction of at least 10% over TC-WII engine oils for better protection against scuffing and piston seizure, and better protection at lean fuel: oil ratios.
- **Outstanding Performance** - Even in high horsepower 2-cycle engines.
- **Performs Reliably in Most 2-cycle Engine Types** – Delivers premium performance in oil injection systems or for pre-mixing up to 50:1 mix ratio and beyond in outboard and other 2-cycle engines.
- **INCREASED SAFETY IN WAREHOUSE STORAGE AND TRANSPORTATION DUE TO HIGHER FLASH POINT. DOES NOT NEED TO BE LABELED "COMBUSTIBLE."**



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TYPICAL PHYSICAL PROPERTIES

	METHOD	TYPICAL RESULTS
Viscosity Grade		Two-Cycle Engine Oil
Gravity, °API	ASTM D287	32.3111
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8638
Viscosity @ 40°C cSt	ASTM D445	30.56
Viscosity @ 100°C cSt	ASTM D445	6.165
Viscosity Index	ASTM D2270	156
Color	ASTM D1500	Blue
Zinc, wt. %	ASTM D5185	0
Sulfur, wt. %	ASTM D4951	0.07
Sulfated Ash, wt. %	ASTM D874	<0.001
Nitrogen, wt. %	ASTM D4629	0.47
TBN, mgKOH/g	ASTM D2896	9.95

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
Two-Cycle Engine Oil	12/1 Quart	516-006	0 14168-01617 9	0 14168-01671 1	L 13.250 x W 10.250 x H 9.250	0.727 / 67.222	24.288 / 1941.932	84 Cases (6 layers of 14)

