



2-Cycle Oil

Synthetic Blend 2-Cycle Engine Oil

General Description

Cenex® 2-Cycle Oil is a high performance synthetic blend low ash oil primarily designed for air-cooled two-stroke engines, including those equipped with oil injection.

Cenex 2-Cycle Oil is blended by mixing a premium low ash additive system into a synthetic blend of high quality base oils to reduce smoke and odor, plus a diluent to provide outstanding low temperature flow and pumping characteristics. Additionally, the oil provides ease of mixing with gasoline at the lowest operating temperatures.

The additive system used in 2-Cycle Oil provides superior engine protection at the extreme operating conditions experienced by modern two-stroke engines. This low ash formulation has demonstrated superior piston and ring cleanliness under very high temperature conditions such as those experienced in high performance air cooled engines. 2-Cycle Oil meets or exceeds API TC, JASO FB and JASO FC quality standards. The low temperature characteristics are designed to meet the demanding performance required in harsh winter conditions.

2-Cycle Oil mixes readily with all grades of gasoline and stays mixed indefinitely. It is recommended that engines be tuned for the type of gasoline that is being used.

Features and Benefits

- **Engine Cleanliness:** Advanced low ash formula keeps engines clean at very high operating temperatures found in high performance air-cooled engines. Meets or exceeds API TC, JASO FB and JASO FC quality standards.
- **Wear Prevention:** Careful synthetic and conventional base stock selection provides engine protection under heavy loads and extended operation at full power by preventing scuffing and wear at high operating temperatures.
- **Ease of Mixing:** Formulated to allow easier mixing with gasoline at all temperatures.
- **Gas-to-Oil Ratio:** Advanced formulation allows 2-Cycle to be used at any gasoline/oil ratio recommended by engine manufacturers, including oil injection systems.
- **Comfort:** Synthetic blend provides cleaner burning low-smoke and low-odor performance.

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Typical Applications

Cenex® 2-Cycle Oil is recommended for most air cooled two-stroke/two-cycle gasoline engines, such as:

- Lawn Mowers
- All Terrain Vehicles (ATVs)
- Snow Blowers
- Motorcycles
- Garden Equipment
- Motor Scooters
- Portable Generators
- Chain Saws

Typical Customers

Owners and operators of:

- Air-cooled, two-cycle powered, outdoor power equipment
- Chain saws
- Power Generators
- Motorcycles
- All Terrain Vehicles (ATVs)
- Garden Equipment
- Facilities that repair the previously listed equipment

NOTE: Some two-stroke engines (especially certain water-cooled models) recommend an ashless oil formulation such as Premium Ashless 2-Cycle - check the appropriate application.

Typical Properties

Properties	2-Cycle
API Gravity / lbs./gal.	31.4 / 7.23
Viscosity @ 100°C, cSt SUS	7.8 47
@ 40°C, cSt SUS	45.9 219
Pour Point, °F / °C	-49 / -45
Flash Point, °F	140 minimum
Color	PURPLE

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit cenex.com/sds-library.