

Airkool HP 2-Cycle Motor Oil

76® Airkool HP 2-Cycle Motor Oil is a premium quality, low-ash, API TC engine oil specially formulated for use in high-output commercial chain saws, motorcycles and other air-cooled 2-stroke cycle gasoline engines. It may be used in either direct oil injection or premix engines.

Airkool HP 2-Cycle Motor Oil has a high level of detergency to help minimize piston ring sticking and exhaust port deposits to maintain good power output in 2-stroke cycle engines. It has excellent lubricity to protect against piston and cylinder scuffing, and helps reduce spark plug fouling and preignition problems. It is pre-diluted with a high-flash solvent for easy mixing with gasoline at low temperatures for premix applications.

Airkool HP 2-Cycle Motor Oil meets JASO FD and ISO-L-EGD low-smoke requirements.

Applications

- High-output commercial chain saws that operate at 17,000-20,000 rpm
- Motorcycles, scooters and all-terrain vehicles (ATVs)
- Lawn-care equipment (mowers, weed trimmers, leaf blowers)
- Other air-cooled 2-stroke cycle gasoline engines where an API TC oil is specified⁽¹⁾

Airkool HP 2-Cycle Motor Oil meets or exceeds the requirements of:

- API Service TC
- ISO-L-EGD
- JASO FD, FC, FB

⁽¹⁾ **Note:** Airkool HP 2-Cycle Motor Oil is **not** recommended for use in water-cooled, 2-stroke cycle engines. Where the engine manufacturer specifies NMMA TC-W3®, TC-WII® or TC-W® quality oil, use 76 Unimix® 2-Cycle Motor Oil.

Features/Benefits

- Low-ash formulation helps minimize engine deposits and preignition
- High detergency helps minimize piston ring sticking and reduce exhaust port blocking
- Protects against piston and cylinder scuffing
- Reduces spark plug fouling
- Excellent rust and corrosion protection
- Meets JASO FD low-smoke requirements
- Keeps engine parts clean

**API TC Engine Oil
For Air-Cooled,
2-Stroke Cycle
Engines**

CONTACT INFORMATION

**Phillips66
Lubricants.com**

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Service:
1-800-368-7128

Technical Hotline:
1-877-445-9198

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Customer Service:
1-832-765-2500

E-mail address:
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p66.com**

- Mixes easily with gasoline at low temperatures for premix applications
- Dyed for easy visibility when mixed with gasoline
- Suitable for either direct oil injection or premix engines⁽²⁾

⁽²⁾ **Note:** For premix engines, always follow the manufacturer's recommendation for choosing the proper fuel-to-oil mixing ratio.

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Typical Properties

Specific Gravity @ 60°F	0.874
Density, lbs/gal @ 60°F	7.28
Color, Visual	Blue
Flash Point (COC), °C (°F)	118 (244)
Flash Point (PMCC), °C (°F)	100 (212)
Pour Point, °C (°F)	-36 (-33)
Viscosity, Kinematic	
cSt @ 40°C	56.0
cSt @ 100°C	8.7
Viscosity Index	131
Sulfated Ash, ASTM D874, wt %	0.15

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.