



## **XHP™ 2-Cycle Engine Oil**

Conoco® XHP 2-Cycle Engine Oil is a high-quality, ashless detergent engine oil specially designed for use in water-cooled and most air-cooled 2-stroke cycle engines. It is TC-W3® certified by the National Marine Manufacturers Association (NMMA), and also meets API TC and JASO FB performance requirements for use in air-cooled 2-stroke cycle engines. It may be used in either direct oil injection or premix engines.

XHP 2-Cycle Engine Oil is formulated to minimize piston ring sticking and exhaust port deposits to maintain good power output in 2-stroke cycle engines. It also protects against piston and cylinder scuffing and helps reduce spark plug fouling and preignition problems. It provides rust and corrosion protection in service and during storage. It is pre-diluted with a high-flash solvent for easy mixing with gasoline at low temperatures for premix applications.

### ***Applications***

- Outboard marine engines
- Personal watercraft
- Motorcycles, scooters and all-terrain vehicles (ATVs)
- Snowmobiles
- Low-output chain saws
- Lawn-care equipment (mowers, weed trimmers, leaf blowers)

XHP 2-Cycle Engine Oil meets or exceeds the requirements of:

- NMMA TC-W3® (Certification No. RL 26639G), TC-WII® (obsolete), TC-W® (obsolete)
- API Service TC
- JASO FB

### ***Features/Benefits***

- Ashless dispersant/detergent formulation helps minimize engine deposits and preignition
- Minimizes piston ring sticking and helps reduce exhaust port blocking
- Protects against piston and cylinder scuffing
- Excellent lubricity for use in high-output outboard engines
- Reduces spark plug fouling
- Excellent rust and corrosion protection
- Keeps engine parts clean

**Ashless Engine Oil  
For 2-Stroke Cycle  
Engines, NMMA  
TC-W3® Certified**

**U.S. Technical  
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1-800-255-9556**

**U.S. Customer  
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1-800-640-1956**

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- 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<sup>(1)</sup>

<sup>(1)</sup> **Note:** For premix engines, always follow the manufacturer's recommendation for choosing the proper fuel-to-oil mixing ratio.

### XHP™ 2-Cycle Engine Oil

#### Typical Properties

Specific Gravity @ 60°F	0.876
Density, lbs/gal @ 60°F	7.30
Color, Visual	Blue
Flash Point (COC), °C (°F)	114 (237)
Flash Point (PMCC), °C (°F)	95 (203)
Pour Point, °C (°F)	-45 (-49)
Viscosity, Kinematic	
cSt @ 40°C	45.7
cSt @ 100°C	7.9
Viscosity Index	143
Sulfated Ash, ASTM D874, wt %	Nil

#### Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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