



## 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 formulated to minimize piston ring sticking and exhaust port deposits to maintain good power output, and to protect against piston and cylinder scuffing. It also helps minimize spark plug fouling and preignition problems. It provides rust and corrosion protection in service and during storage and is pre-diluted with a high-flash solvent for easy mixing with gasoline at low temperatures.

XHP™ 2-Cycle Engine Oil is TC-W3® certified by the National Marine Manufacturers Association (NMMA). It passes the requirements of the new Honda AF-27 lubricity test for newer, high-output 2-stroke cycle outboard engines. It also meets API TC and JASO FB performance requirements for air-cooled 2-stroke cycle engines. It is suitable for use with either direct oil injection or premix engines.

### **Applications**

XHP™ 2-Cycle Engine Oil is recommended for use in 2-stroke cycle engines where the manufacturer specifies a TC-W3®, TC-WII®, TC-W® or API TC quality oil.

- Outboard marine engines
- Personal watercraft
- Motorcycles, scooters and all-terrain vehicles
- 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®, TC-WII®, TC-W®
- API Service TC
- JASO FB

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

**U.S. Technical  
Services Hot line:  
1-800-255-9556**

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

**International:  
+1-832-486-3363**

**Asia-Pacific:  
tel: (65) 6536-0010  
fax: (65) 6536-0012**

**E-mail address:  
[conocolubricants@conocophilips.com](mailto:conocolubricants@conocophilips.com)**

***www.lubes.conoco.com***

600 N. Dairy Ashford • 2W9000 • Houston, TX 77079

### Outstanding Features

- Ashless detergent formulation helps minimize engine deposits and preignition
- Minimizes piston ring sticking and helps reduce exhaust port blocking
- Protects against piston and cylinder scuffing
- Passes the new AF-27 lubricity test
- Reduces spark plug fouling
- Excellent rust and corrosion protection
- Keeps engine parts clean
- 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

Density, g/cm <sup>3</sup> @ 15.6°C (60°F)	0.876
Color, Visual	Blue
Flash Point (COC), °C (°F)	114 (237)
Flash Point (PMCC), °C (°F)	95 (203)
Pour Point, °C (°F)	-45 (-49)
Viscosity,	
cSt @ 40°C	45.7
cSt @ 100°C	7.9
SUS @ 100°F	233
SUS @ 210°F	52.7
Viscosity Index	143
Sulfated Ash, ASTM D874, wt %	Nil

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