



Injex[®] 2-Cycle TC-W3[®] Motor Oil

Phillips 66[®] Injex 2-Cycle TC-W3[®] Motor Oil is a premium quality, ashless engine oil specially designed for use in water-cooled and most air-cooled 2-stroke cycle engines. It is specially formulated to provide protection equivalent to many OEM-branded 2-cycle engine oils. 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.

Injex 2-Cycle TC-W3[®] Motor 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. It contains a synthetic polymer to help reduce exhaust smoke.

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)

Injex 2-Cycle TC-W3[®] Motor Oil is licensed under the following industry specification:

- NMMA TC-W3[®] (Certification No. RL 26641G)

Injex 2-Cycle TC-W3[®] Motor Oil meets or exceeds the requirements of:

- API Service TC
- JASO FB
- NMMA TC-WII[®], TC-W[®] (obsolete specifications)

Features/Benefits

- Formulated to provide protection equivalent to many OEM-branded 2-cycle oils
- Ashless detergent/dispersant formulation helps minimize engine deposits and preignition

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

CONTACT INFORMATION

**Phillips66
Lubricants.com**

U.S. Customer
Service:
1-800-368-7128

Technical Hotline:
1-877-445-9198

International
Customer Service:
1-832-765-2500

E-mail address:
**phillips66lubricants@
p66.com**



- 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
- 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⁽¹⁾

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

Injex® 2-Cycle TC-W3® Motor Oil

Typical Properties

Specific Gravity @ 60°F	0.877
Density, lbs/gal @ 60°F	7.30
Color, Visual	Purple
Flash Point (COC), °C (°F)	120 (248)
Flash Point (PMCC), °C (°F)	96 (205)
Pour Point, °C (°F)	-48 (-54)
Viscosity, Kinematic	
cSt @ 40°C	57.9
cSt @ 100°C	9.3
Viscosity Index	142
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://w3apps.phillips66.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.

© 2012 Phillips 66 Company. Phillips 66 and its respective logos and products are trademarks of Phillips 66 Company in the U.S.A. and other countries.