

ITASCA Marine 2-Cycle Outboard TC-W3[®] Engine Oil



ITASCA MARINE 2- CYCLE OUTBOARD TC-W3 ENGINE OIL Is formulated from premium base stocks, along with ashless additives to provide outstanding protection against piston scuffing, bearing wear, ring sticking and rust in marine applications where a certified National Marine Manufacturer's Association (NMMA) TC-W3[®] lubricant is required.

ITASCA MARINE 2- CYCLE OUTBOARD TC-W3 ENGINE OIL is also recommended for use in applications where TC-W[®], TC-WII[®], TC-W3[®] and JASO FB and API TC two-cycle air-cooled category's are required.

It exceeds the warranty requirements of Evinrude[®], Mercury[®], Johnson[®], Yamaha[®], Mariner[®], Suzuki[®] as well as all other makes and models of High Performance Outboard Engines and all two-cycle engines where a TC-W3[®] product is required. It may also be used in both oil-injected engines as well as those where the oil is mixed with the fuel.

ITASCA MARINE 2- CYCLE OUTBOARD TC-W3 ENGINE OIL is dyed BLUE for easy identification.

Benefits

- Resistant to piston scuffing and ring sticking
- Minimizes engine deposits and port plugging
- Mixes readily with gasoline
- Dyed for easy identification
- Provides rust and corrosion protection



Warren Oil Company, LLC

Dunn, NC 28334: Benton, AL 36758: San Antonio, TX 78210:
Marion, IL 62959: Johnstown, PA 15909: West Memphis, AR 7230

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Fuel Mixing Table

Ounces of Oil to Gallon of Gasoline (U.S. Measure)

| Ratio Gas to Oil | 1 Gal. OZ. | 2 Gal. OZ. | 3 Gal. OZ. | 4 Gal. OZ. | 5 Gal. OZ. | 6 Gal. OZ. |
|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 16:1 | 8 | 16 | 24 | 32 | 40 | 48 |
| 20:1 | 6 | 13 | 19 | 26 | 32 | 38 |
| 25:1 | 5 | 10 | 15 | 20 | 26 | 31 |
| 50:1 | 3 | 5 | 8 | 10 | 13 | 16 |
| 100:1 | 1.5 | 2.6 | 4 | 5 | 6.4 | 8 |

Typical Characteristics

ITASCA Outboard TC-W3

| | |
|---------------------|------|
| Gravity, API | 32.0 |
| pounds/gal. | 7.21 |
| Viscosity (typical) | |
| @40 Deg. C, cSt | 45.0 |
| @100 Deg. C, cSt | 7.94 |
| Viscosity Index | 149 |
| Pour Point Deg. F | -44 |
| Ash, wt % | None |
| Appearance | Blue |

Case Pallet Specifications:

| | | | |
|--------|----------|-----------------|-----------|
| 702196 | 12/1 qt. | 6 rows/14 count | 84/pallet |
| 702197 | 6/1 gal. | 4 rows/9 count | 36/pallet |
| 702198 | 55 gal. | 4 count | 4/pallet |



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