



# OUTBOARD ENGINE OIL

# BRAVOIL™

## Technical Data Sheet

### WAVE 2T

**PRODUCT DESCRIPTION:**

WAVE 2T is two-stroke outboard marine engine oil conforming to TC-W2; a superior quality ashless two-stroke lubricant designed to meet the most critical requirements of all air-cooled and water-cooled outboard engines.

**APPLICATION:**

WAVE 2T is recommended for and meets the requirements of all major outboard engine manufacturers: Chrysler, Evinrude, Johnson, Mercury, Mariner, U.S. Marine/Force, Sears, OMC, Suzuki, Yamaha, Nissan, Daihatsu, or wherever NMMA TC-WII or TC-W oils may be used. It is also suitable for motorcycles, lawnmowers, scooters, golf cars, snowmobiles, personal watercraft, chainsaws, and other two-stroke powered equipment. The product is to be used as per OEM recommended fuel/oil mix ratio. If the specific ratio is not provided, the general recommendation is to use a 50:1 fuel/oil mix.

**FEATURES & BENEFITS:**

- Minimizes piston rings from sticking to keep the engine operating smoothly and efficiently
- Protects against piston and combustion chamber deposits, rust, and corrosion
- Protects the piston from scuffing and pre-ignition problems and assures good low temperature fluidity
- Spark-plug fouling and carbon deposits are prevented so that power can be maintained longer
- Mixes easily with fuel for premix applications

**PERFORMANCE STANDARDS:** Meets or Exceeds:

- NMMA TC-W2, TC-W

**TYPICAL PROPERTIES:**

PARAMETERS	TEST METHOD	UNIT	WAVE 2T
Kinematic Viscosity @ 104°F / 40°C	ASTM D445	cSt	58
Kinematic Viscosity @ 212°F / 100°C	ASTM D445	cSt	8.8
Viscosity Index (min)	ASTM D2270	-	128
SP. Gravity @ 60°F	ASTM D4052	g/cm <sup>3</sup>	TBR
Flash Point (min)	ASTM D92	°C	120
Pour Point (max)	ASTM D97	°C	-36

**HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website [www.bravoil.ae](http://www.bravoil.ae)

**HEALTH & SAFETY:**

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.bravoil.ae](http://www.bravoil.ae)

**PROTECT THE ENVIRONMENT:**

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

**STORAGE:**

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.