

STARTWIN 2T TC-W3

DESCRIPTION:

Semi-synthetic lubricating oil, specially formulated to meet the demands of all water-cooled 2-stroke marine outboard engines, from traditional carburetion to modern direct injection (DFI), according to the demanding NMMA TC-W3 specification. , thus guaranteeing an excellent protection against corrosion and rust in a marine environment, as well as a high protection of the piston and the spark plug, offering improved properties compared to the previous quality level NMMA TC-WII.

PROPERTIES AND ADVANTAGES:

- ✓ Exceptional lubricating ability, avoiding piston seizure.
- ✓ Excellent protection against rust and corrosion in moist fresh and saline water environments.
- ✓ High anti-wear capacity, guaranteeing optimum protection of the piston and therefore improving the performance of the whole motor due to the reduction in losses to friction.
- ✓ Complete and rapid miscibility with petrol.
- ✓ High dispersant and detergent ability, avoids build-up of deposits in the combustion chamber, ring sticking, and keeps the elements of the engine in an ideal state of cleanliness, lengthening the working life of the motor.
- ✓ Ash-free, reducing the risk of pre-ignition and spark plug glazing, guaranteeing efficient fuel consumption and minimal residue formation.

APPLICATIONS:

- ✓ Two-stroke water-cooled marine outboard motors with NMMA TC-W3 and direct injection FDI specifications.
- ✓ Air-cooled 2T engines for motorcycles, mopeds, scooters, snowmobiles, jet skis, pleasure boats, chainsaws, leaf blowers, garden machinery, etc.
- ✓ Recommended for all type of oil-petrol and oil-petrol with ethanol pre-mix systems.

SPECIFICATIONS:

Water-cooled motors	Air-cooled motors
NMMA TC-W3	API TC
Direct Fuel Injection (DFI)*	JASO FD

*Suitable for use (SFU)

TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Color	Visual	Bluish green
Viscosity at 40 °C (cSt)	ASTM D-445	45.0 - 55.0
Viscosity at 100 °C (cSt)	ASTM D-445	7.5 - 8.5
Density at 15 °C, Typical (kg/l)	ASTM D-1298	0.875
Pour point (°C)	ASTM D-97	< - 25
Flash point (°C)	ASTM D-92	> 90

HOW TO USE:

Mix with petrol in the proportions recommended by the manufacturer of the engine.

PACKAGING:

1L bottle, 20L jerry can and 200L drum.