



## PRODUCT DATA SHEET

### **EKO MARINE 2T OUTBOARD ULTRA** Semi-synthetic lubricant for 2-stroke outboard engines

#### **DESCRIPTION**

EKO MARINE 2T OUTBOARD ULTRA is a high-performance semi-synthetic lubricant, suitable for water-cooled 2-stroke outboard gasoline engines of leisure boats and jet-skis.

EKO MARINE 2T OUTBOARD ULTRA is suitable for use in both premix and oil-injection systems. It is also suitable for direct fuel injection engines (DFI).

When used in premix systems, the lubricant must be used in the oil/fuel ratio recommended by the manufacturer (up to 1:100).

EKO MARINE 2T OUTBOARD ULTRA is prediluted, to enable easier mixing with fuel.

#### **SPECIFICATIONS**

NMMA TC-W3

#### **APPLICATIONS**

- Water-cooled 2-stroke outboard gasoline engines of leisure boats and jet-skis.
- Compatible with direct fuel injection engines (DFI).

#### **ADVANTAGES**

- Provides excellent protection against rust and corrosion in the presence of seawater, resulting in longer engine life.
- Provides high protection against wear and abrasion at high speeds, thus increasing the life of the engine and all critical components.
- The excellent oxidation and thermal stability and the superior deposit control of the lubricant effectively protect against piston ring sticking and keep the engine clean, resulting in longer engine life.

This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511.  
Advice on safe handling is provided in the Safety Data Sheet.



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### ADVANTAGES

- The ash free technology of lubricant minimizes the formation of deposits in spark plugs, protects against exhaust port blocking and reduces the risk of pre-ignition.
- Provides excellent performance at low temperatures, resulting in easy and quick start of the engine.
- Provides excellent engine protection against rust during long storage periods.

### TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO MARINE 2T OUTBOARD ULTRA
Density, 15°C	ASTM D4052	g/ml	0.861
Kinematic Viscosity, 100°C	ASTM D445	cSt	8.5
Kinematic Viscosity, 40°C	ASTM D445	cSt	49.92
Viscosity Index (VI)	ASTM D2270	-	145
Base Number (TBN)	ASTM D2896	mg KOH/g	5.4
Pour Point	ASTM D5950	°C	-39
Sulfated Ash	ASTM D874	% wt	<0.01
Flash Point closed cup, PMCC	ASTM D93	°C	96

### MIXING INSTRUCTIONS

lubricant/gasoline ratio	lubricant	gasoline
1:25	200 ml	5 lit
1:50	100ml	5 lit
1:100	50 ml	5 lit

### HEALTH AND SAFETY

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

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