

MAK MATSYA 2T

Semi-synthetic oil for outboard 2 stroke engines

MAK Matsya 2T is a new generation semi-synthetic, extremely low smoke, environmentally friendly two stroke engine oil. It is blended from highly refined mineral base oils, special synthetic base fluid and fortified with finely balanced low ash additives. MAK Matsya 2T keeps engine clean and protected, helps in clean combustion and lowers exhaust smoke. Film strength of the oil also provides excellent protection against metal wear in engine. A specially selected diluent is added to ensure instantaneous self-mixing of oil with gasoline. This oil received on-file status from JASO (Japanese Automotive Standards Organization) 2 Cycle Oil Standards Implementation Panel for Gasoline Engine Performance Classification (JASO M 345).

Applications:

MAK Matsya 2T is recommended for all types of 2 stroke outboard motors boats run by petrol/ kerosene/ diesel/ CNG. It is also suitable for small petrol engines used in pumps and small generators.

Dosage:

Recommended lube to fuel ratio for the product with kerosene/diesel is as under

- Light Duty & Medium Duty: 3.0% - 3.3%
- Heavy Duty: 3.5%

Performance/ Benefits:

Minimal Deposits – reduces spark plug fouling and exhaust system deposits. Enhances equipment life.

Excellent Engine Protection – excellent lubrication under all working conditions, thereby, leading to longer engine life, increased fuel economy, reduced maintenance cost, and above all reduced environmental pollution.

Environmental Friendly – extremely low exhaust smoke levels.

Clean Engine Parts – the low ash content of the oil ensures clean piston head, minimal ring sticking and prevents pre-ignition at high speeds

Excellent Miscibility – ensures perfect and instantaneous mixing in petrol

Performance Level/ Specification:

- JASO FC
- API TC
- ISO GC

Typical Physico-Chemical Data: MAK Matsya 2T

Characteristics	Method	Value
Color	Visual	Green
Appearance	Visual	Clear and Bright
Density @29.5°C, g/cc	ASTM D1296	0.848
Kinematic Viscosity @40°C, cSt	ASTM D445	43.2
Kinematic Viscosity @100°C, cSt	ASTM D445	7.4
Viscosity Index	ASTM D2270	136
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	88

Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing. Shelf life is 5 yrs. under protected storage conditions.

Health & Safety:

It is unlikely to be hazardous when properly used in recommended applications. Contamination of the oil from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.