

MAK 2T

Semi-synthetic 2 stroke engine oils

MAK 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 2T keeps engine clean and protected, helps in clean combustion and lowers exhaust smoke. Its thick lubricant film strength also provides excellent protection against metal wear in engine. A specially selected diluent is added to ensure instantaneous self-mixing or oil dilution in the 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 2T is recommended for all types of 2 or 3 wheeler vehicles such as moped, scooter & motor cycle and three wheelers etc. and outboard boats fitted with 2 stroke petrol engines/ CNG gas. It is also suitable for small petrol engines used in pumps and small generators. Suitable for modern engines with oil injection systems as well as conventional engines. Maintain the mixing ratios as prescribed by the engine manufacturer.

For applications where gear box is not integrated to engine of 2 wheelers, use MAK Multigrade 20W-40.

Performance/ Benefits:

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

Excellent Engine Protection – excellent lubrication under all operating conditions. Enhances engine life and fuel economy. Reduces maintenance cost and environmental pollution.

Environmental Friendly – extremely low exhaust smoke levels.

Excellent Miscibility – ensures perfect and instantaneous mixing in petrol.

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

Performance Level/ Specification:

Meets the performance benchmarks of

- JASO FC

Oil and Petrol mixing ratio:

- 20 ml in 1 liter for 2 wheelers
- 30 ml in 1 liter for 3 wheelers

Typical Physico-Chemical Data: MAK 2T

Characteristics	Method	Value
Color	Visual	Orange
Appearance	Visual	Clear and Bright
Density @29.5°C, g/cc	ASTM D1298	0.847
Kinematic Viscosity @40°C, cSt	ASTM D445	42.2
Kinematic Viscosity @100°C, cSt	ASTM D445	7.2
Viscosity Index	ASTM D2270	134
Copper Corrosion, 100°C, 3 hrs.	ASTM D130	1a
Flash Point, °C	ASTM D92	85

Storage & Handling:

The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing and store 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.