

## B I O 2 T

### Full Synthetic 2 Stroke Engine Oil

#### Description

**BIO 2T** is a premium quality, fully synthetic, low ash two-stroke formula offering excellent lubrication properties and an improved engine wear protection. **BIO 2T** is readily biodegradable, therefore provides environmentally friendly alternative to the usual mineral oil based lubricants, without compromising the performance. Recommended **mixing ratio** up to **50** fuel : **1** oil.

#### Industry Performance Standards

- ISO-L-EGD (JASO FD)
- ISO-L-EGC (JASO FC)
- API TC
- Husqvarna

#### Areas of Application

**BIO 2T** is specifically designed for air-cooled, twin-stroke engine applications involving extreme levels of engine temperature, engine speed and torque. It is recommended lubricant for use in chainsaws, brush cutters, trimmers and other commercial and domestic equipment. Recommended mixing ratio up to 50 fuel : 1 oil – always follow engine manufacturer's instructions.

#### Characteristic features

- Excellent lubrication at extreme temperatures;
- Improved engine wear protection;
- Perfect miscibility with petrol;
- Readily biodegradable;
- Greater protection against rust and corrosion;
- No residue in the engine and on the pistons;
- Reduced exhaust smoke

#### PHYSICAL PROPERTIES

PARAMETER	UNIT	TEST METHOD	Typical Value
Density at 15 °C	kg/m <sup>3</sup>	ISO 12185	886
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	45
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	Min. 7,5
Viscosity Index			140
Pour point	°C	ASTM D97	-47
Flash point, COC	°C	ASTM D92	>90
Acid Value	mg KOH/g	AOCS Cd 3d-63	Max. 1
Biodegradability (within 21 days)	%	CEC-L-33-A-93	>90



## ISO/Jaso Engine Test Results

Engine Tests	Index	Result	Min. Limit	Specification
Exhaust Blocking	BIX	134	90	ISO-L-EGD/JASO FD
Smoke	SIX	109	85	ISO-L-EGD/JASO FD
Lubricity	KIX	102	95	ISO-L-EGD/JASO FD
	TIX	101	98	ISO-L-EGD/JASO FD

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