



2T BIO

BIODEGRADABLE SYNTHETIC LUBRICANT FOR 2 STROKE ENGINES COOLED BY AIR



GREEN AREAS RANGE
ENGINE
100% SYNTHETIC

Mineral

Semi-synthetic

100%
synthetic



STANDARDS AND SPECIFICATIONS

JASO FD
ISO L EGD

APPLICATIONS

2T BIO is a biodegradable 100% synthetic oil made for 2 stroke engines cooled by air and working in a special environment: forest, public parks and gardens, classified sites, natural reserves, leisure centers, golf courses, etc.

2T BIO is specially recommended for lawnmower and chain saw engines, when the protection of the environment is an important requirement.

2T BIO should be mixed in petrol at 2 %, or for separate lubrication.

The use of unleaded petrol (RON 95 or 98) is highly recommended.

BENEFITS

Regardless of its biodegradability, **2T BIO** has all the necessary characteristics and properties of a high performance oil for 2 stroke engines:

- High thermal stability, allowing a good lubrication of combustion chambers, without any risk of ring sticking or tightening
- Excellent resistance to oxidation, preventing from the formation of varnish and preventing connecting-rod bearings from blocking
- High dispersing power, allowing the elimination of all combustion deposits and residues.
- Very low sulfated ashes content, preventing from pre-ignition at high temperatures, or droplet on sparkplugs

PERFORMANCES

PERFORMANCE LEVELS | JASO FD
ISO L EGD

2T BIO greatly exceeds the 3 ASTM sequences of API TC classification:

- Sequence I : Piston varnish and ring sticking
- Sequence II : Tightening
- Sequence III : Pre-ignition

OPAL
2T
BIO



CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Specific gravity at 15°C	kg/m ³	NF T 60-101	910
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	37,7
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	8,4
Viscosity index	-	NF T 60-136	209
Pour point	°C	NF T 60-105	-45
Flash point COC	°C	NF T 60-103	178
Sulfated ashes content	% mass	NF T 60-143	0,07
Ecotoxicity on seaweeds	mg/l	OECD 201	> 100
Ecotoxicity on daphnies	mg/l	OECD 202	> 100
Ecotoxicity on fishes	mg/l	OECD 203	> 100
Biodegradability	%	CEC-L-33-A-93	81
Biodegradability	%	OECD 301 B	64,5

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Disposal methods must comply with current applicable regulations concerning the disposal of used oils.

Store in a sheltered area.

Our technical department is available to help and advise you if needed