

# LUKOIL OUTBOARD 2T

2-stroke small engine oil for outboards

## MEETS REQUIREMENTS

**NMMA TC-W3**

## PRODUCT DESCRIPTION

**LUKOIL OUTBOARD 2T** is a modern high-quality semi-synthetic oil, designed as a component of fuel/oil mixture for 2-stroke gasoline small engines of water crafts.

**LUKOIL OUTBOARD 2T** is formulated with high-quality base stocks and highly-effective advanced ashless additive package, which significantly decreases risk of sludge and deposits formation in outlet systems of engines, reduces the disruption of spark plugs and the risk of surface ignition, decreases fuel consumption.

Due to the thoroughly selected formulation, **LUKOIL OUTBOARD 2T** is smokeless and very safe for the environment.

**LUKOIL OUTBOARD 2T** provides excellent detergent, antiwear and lubricating properties, has low coefficient of gel formation, enables

highly-effective engine protection even under severe operating conditions, extending the lifetime of your transportation. Technology of **LUKOIL OUTBOARD 2T** passed the tests in OMC, Mercury and Yamaha engines.

## APPLICATION

**LUKOIL OUTBOARD 2T** is recommended for modern 2-Stroke high-performance water- and air-cooled engines of boats, yachts, jet skis and motor boats in both fixed and suspendable version, where NMMA (National Marine Manufacturing Association) TC-W3 and previous TC-W, TC-W2 specified oils are recommended.

**LUKOIL OUTBOARD 2T** is recommended for Mercury, Suzuki, Yamaha, Tohatsu, Kawasaki, Johnson, Evinrude and other engines.

Proportion of the mixing must meet to the Operation and maintenance manual, but normally it is fuel:oil = 50:1

The product name in an order:

Motor oil LUKOIL OUTBOARD 2T, STO 79345251-094-2016

## TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL OUTBOARD 2T
Density at 20 °C, kg/m <sup>3</sup>	ASTM D4052 / GOST 3900	872
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445 / GOST 33 / GOST R 53708	53.9
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445 / GOST 33 / GOST R 53708	8.6
Viscosity index	ASTM D2270 / GOST 25371	136
Sulphated ash, %	ASTM D874 / GOST 12417	0.01
Total base number, mg KOH/1 g oil	GOST 30050 / ASTM D2896	9.65
Flash point (COC), °C	ASTM D92 / GOST 4333	157
Pour point, °C	GOST 20287 B	-42

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International".