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Outboard Motor Oil

Semi-synthetic lubricant to mix with petrol suitable for two-stroke outboard and small boat engines.

Eligible both for traditional carburetors and Direct Fuel Injection systems (DFI).

It is also recommended for land use two-stroke engines of scooters and snowmobiles.

PAKELO OUTBOARD MOTOR OIL is a special semi-synthetic lubricant to mix with petrol, specific for two-stroke outboard and small boats engines.

The product is formulated with special ash-less additives that provide high detergency and reduce to the minimum deposits on cylinder head, combustion chamber and spark plugs. At the same time the product keeps clean from sludge and carbon residues, valves, ports and piston rings.

Furthermore, the high anti-oxidative properties of the product allow efficient protection of all mechanical parts of the engine against rust and corrosion during downtime periods, especially in winter season in salt water environment.

PAKELO OUTBOARD MOTOR OIL shows homogeneous and easy oil/fuel mix, also in the severe climatic conditions.

The product provides the following characteristics:

- robust deposit and carbon residues control in the combustion chamber;
- high lubricity of the oil/fuel mix that results into enhanced wear control;
- very low exhaust smoke formation;
- it withstand high temperatures typical of high rpm two-stroke engines.

Real assessments both on traditional carburetors and on direct fuel injection systems showed great efficiency of the product in terms of wear control and engine, valves and ports cleanliness.

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Application fields

PAKELO OUTBOARD MOTOR OIL is a special lubricant to mix with petrol, specific for use in two-stroke outboard, small boats and watercraft engines using carburetted/direct fuel injection systems (DFI).

PAKELO OUTBOARD MOTOR OIL is suitable for liquid-cooled and air-cooled two-stroke engines and both for automatic injection or premix systems (for those engines equipped with separated lubricators).

Thank to its particular chemical-physical characteristics the product is also recommended for land use two-stroke engines such as in example two stroke scooters and snowmobiles engines.

In this case PAKELO OUTBOARD MOTOR OIL largely exceeds the severe performance levels required for land use applications such as API TC, JASO FD and ISO-L-EGD.

Performance levels

NMMA TC-W3.

Chemical-Physical Characteristics

Outboard Motor Oil	Method analysis	Unit measure	Value
Density at 15°C	ASTM D1298	kg/l	0,874
Kinematic Viscosity at 40°C	ASTM D445	cSt	47,3
Kinematic Viscosity at 100°C	ASTM D445	cSt	7,4
Viscosity Index	ASTM D2270	-	119
Flash Point (C.O.C.)	ASTM D92	°C	> 150
Pour Point	ASTM D97	°C	-38

The data just above refer to average values and must not be understood as guaranteed characteristics.

This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.