



## RAVENOL Outboard Castor 2T



ART.-NR. 1159100

1 L | 1159100-001  
20 L | 1159100-020  
60 L | 1159100-060  
60 L | 1159100-D60  
208 L | 1159100-208  
208 L | 1159100-D28  
1000 L | 1159100-700

**RECOMMENDATIONS** VRP RACING ENGINES | MOTORBOAT OUTBOARD MOTORS EXCLUSIVELY FOR RACING | O-125 CC, O-175 CC, O-250 CC (2 CYLINDER BOXER ENGINES 2 STROKE) | O-350 CC (2 CYLINDERS, 3 CYLINDERS OR 4 CYLINDER BOXER ENGINES 2 STROKE) | O-500 CC AND O-700 CC (4 CYLINDER BOXER ENGINES 2 STROKE)

**RAVENOL Outboard Castor 2T** is a special two-stroke oil based on tried and tested castor oil plant technology, refined with ester synthetic additives. This chemical composition guarantees excellent lubrication and shear stability at all load levels while still providing a great deal of protection against corrosion.

**RAVENOL Outboard Castor 2T** is for use in motorboat outboard engines in motor racing. Very high temperatures are generated at revolutions of up to 14,500 rpm as well as extreme pressure on bearings and pistons and reduced oil supply in overrun mode. In overrun mode, it is almost impossible to maintain a film of lubrication to ensure hydrodynamic lubrication. **RAVENOL Outboard Castor 2T** has been specially developed for such extreme conditions.

**RAVENOL Outboard Castor 2T** contains >75% castor oil.

In comparison with its competitors, **RAVENOL Outboard Castor 2T** delivers better residual lubrication of the bearings at the same mixing ratios. This provides better protection to the crankshaft and all other bearings under extreme loads.

Combustion residues are considerably less than with other oils.

With **RAVENOL Outboard Castor 2T**, the mixing ratios can be adapted for the respective temperature conditions.

**RAVENOL Outboard Castor 2T** can be used in engines from 54 HP (125 cc) to 240 HP (700 cc).

## Application Notes

**RAVENOL Outboard Castor 2T** must be mixed with methanol.

Recommended mixing ratios: 1:20 to 1:30 with methanol.

At cold temperatures and in running-in mode, we recommend a mix of 1 litre **RAVENOL Outboard Castor 2T** to 20 litres of methanol.

With engines which have already been run in, it is recommended to use **RAVENOL Outboard Castor 2T** as a mixture with a ratio of up to 30 litres of methanol to 1 litre at low oxygenation (generally at high outdoor



temperatures or high altitudes).

**RAVENOL Outboard Castor 2T** cannot be blended with mineral and synthetic two-stroke oils.

Mix thoroughly, especially after extended standing time (approx. 1 week)

Always store **RAVENOL Outboard Castor 2T** in a frost-free place!



## Characteristics

RAVENOL Outboard Castor 2T offers:

- Reduced deposits due to clean combustion
- Highest shear stability under the toughest conditions
- Protection of the pistons through excellent lubrication
- No varnish or sticking of the piston rings
- Minimal wear
- Increased load capacity and service life of the motor
- Excellent corrosion protection

Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	951,0	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm <sup>2</sup> /s	19,0	DIN 51562-1
Viscosity at 40°C	mm <sup>2</sup> /s	250,0	DIN 51562-1

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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