

# CHALLENGER 2T

## Product Description

CHALLENGER 2T is synthetic technology 2-stroke motorcycle oil formulated to improve engine performance for all models of modern bikes. It has excellent engine cleanliness and minimizes exhaust smoke.

## Benefits

- Offers higher performance than conventional two-stroke engine oil.
- Cleans up and keeps clean engine with the new technology-based detergent, Super-Detergent.
- Provides good wear protection of engine and extends engine life.
- Protects against the exhaust port blocking.
- Reduces the white smoke.

## Applications

- Designed for high performance air and water-cooled of 2-stroke motorcycles.
- Recommended for high performance 2-stroke engine such as paramotor, chain saw and snow mobile.
- Suitable for both oil injection and premix system.
- Fuel/Oil ratio required following by the manufacturers' recommendations.

*The Moving Innovation* 

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## Typical Characteristics

Tests	Methods	Units	Results
Density at 15 °C	ASTM D4052	g/cm <sup>3</sup>	0.862
Kinematic Viscosity at 40 °C	ASTM D445	mm <sup>2</sup> /s	42.1
Kinematic Viscosity at 100 °C	ASTM D445	mm <sup>2</sup> /s	7.5
Viscosity Index	ASTM D2270	-	142
Flash Point (COC)	ASTM D92	°C	92
Pour Point	ASTM D5950	°C	-21
Sulphated Ash	ASTM D874	% wt	0.1

## Performance Standards

- JASO FD
- API TC
- ISO EGD
- TIS 1040-2541 (1998)

## Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.