

CHALLENGER SCOOTER

SAE 10W-30

Product Description

CHALLENGER SCOOTER is synthetic technology 4-stroke motorcycle oil blended with selected molybdenum additives to reduce engine internal friction. Designed for modern 4-stroke scooters equipped with dry clutch, including high performance scooters. It improves acceleration response and fuel economy. Increases wear protection under start-stop conditions.

Benefits

- Selected molybdenum additive helps reduce engine internal friction, improves acceleration response and better fuel economy.
- Increases wear protection under start-stop conditions.
- Delivers superior shear stability under high rpm condition maintaining stay-in-grade viscosity.
- Provides excellent thermal and oxidation stability.

Applications

- Designed for all models of automatic 4-stroke motorcycles equipped with dry clutch, including high performance scooters recommended viscosity grade SAE 10W-30.
- Recommended for both fuel injection and carburetor technology.

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Typical Characteristics

Tests	Methods	Units	Results 10W-30
Density at 15 °C	ASTM D4052	g/cm ³	0.864
Kinematic Viscosity at 40 °C	ASTM D445	mm ² /s	71.3
Kinematic Viscosity at 100 °C	ASTM D445	mm ² /s	10.6
Viscosity Index	ASTM D2270	-	136
Cold-cranking Simulator at -25 °C	ASTM D5293	mPa.s	5,950
Flash Point (COC)	ASTM D92	°C	230
Pour Point	ASTM D5950	°C	-36

Performance Standards

- JASO MB
- API SL

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 PTTOR Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTTOR 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.

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