

CHALLENGER SYNTHETIC 4T

SAE 10W-40

Product Description

CHALLENGER SYNTHETIC 4T is a premium fully synthetic 4-stroke motorcycle oil. Developed by latest evolution technology platform EVOTEC fortified with advanced technology TRIPLE ACTION FORMULA to deliver engine power and outstanding oil film protection at high temperature and high-speed condition for high performance modern bikes. It has outstanding potential of engine cleanliness and optimizes friction control for smooth gear shifting.

Benefits

- Provides superior oil film strength for engine protection under high speed and high temperature condition.
- TRIPLE ACTION FORMULA optimizes friction control for clutch locked-up performance and smooth gear shifting.
- Offers excellent engine cleanliness controlling of ring and piston deposit.
- Offers superior thermal and oxidation stability.
- Extends engine life and oil drain interval.
- Enhance durability of after treatment system.

Applications

- Designed for high performance air and water-cooled of modern 4-stroke motorcycles such as sports types, big bikes and choppers.
- Recommended for both fuel injection and carburetor technology.
- Suitable for gearboxes in 2-stroke motorcycles.

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Typical Characteristics

Tests	Methods	Units	Results 10W-40
Density at 15 °C	ASTM D 4052	g/cm ³	0.853
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	95.0
Kinematic Viscosity at 100 °C	ASTM D 445	mm ² /s	14.9
Viscosity Index	ASTM D 2270		164
Cold-cranking Simulator at -25 °C	ASTM D 5293	mPa.s	4950
Flash Point (COC)	ASTM D 92	°C	254
Pour Point	ASTM D 5950	°C	-36

Performance Standards

- JASO MA2
- API SP

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.pttplc.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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