

# CHALLENGER SUPER BIKE

SAE 10W-40

## Product Description

CHALLENGER SUPER BIKE is a special-performance fully synthetic 4-stroke motorcycle oil formulated from ESTER formula to minimize engine internal friction, new High Film Strength technology (HFS) to guarantee engine protection even in severe conditions and ADVANCED TRIPLE ACTION FORMULA to enhance clutch response during gear shifting. Designed for high-performance 4-stroke sport bike and superbike. It maximizes engine power and acceleration response along with smooth gear shifting.

## Benefits

- ESTER formula maximizes engine power output and acceleration response.
- New HFS technology minimize engine wear even in extreme conditions.
- ADVANCED TRIPLE ACTION FORMULA offers outstanding engine and gear protection and optimizes friction control for locked-up clutch performance.
- Provides high-temperature oxidation stability ensuring oil degradation prevention under severe condition.

## Applications

- Designed for super performance 4-stroke motorcycle such as superbike and supersport bike.
- Recommended for high performance 4 stroke motorcycle such as modern sport and big bike. (250 – 800 cc)
- Suitable for big bike following by the manufacturers' recommendations, recommended viscosity grade SAE 10W-40.

*The Moving Innovation* 

# CHALLENGER SUPER BIKE

SAE 10W-40

## Typical Characteristics

Tests	Methods	Units	Results 10W-40
Density at 15 °C	ASTM D4052	g/cm <sup>3</sup>	0.854
Kinematic Viscosity at 40 °C	ASTM D445	mm <sup>2</sup> /s	93.5
Kinematic Viscosity at 100 °C	ASTM D445	mm <sup>2</sup> /s	14.7
Viscosity Index	ASTM D2270	-	164
MRV at -30 °C	ASTM D4684	mPa.s	17,600
Cold-cranking Simulator at -25 °C	ASTM D5293	mPa.s	4,545
Flash Point (COC)	ASTM D92	°C	260
Pour Point	ASTM D5950	°C	-36

## Performance Standards

- JASO MA2
- API SN

## 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.