

## Semi-Synthetic, 4T Motorcycle Oil

### Product Description

- **CHALLENGER 4T** : Synthetic technology motorcycle oil SAE 10W-30, 10W-40 and 15W-50 recommended for 4-stroke motorcycle with the performance level of API SL and JASO MA2. Suitable for broad range of application from modern motorcycles with fuel injection system (SAE 10W-30), high performance motorcycles (SAE 10W-40) and big bike which required extra protection (SAE 15W-50).

### Features/Benefits

- Offers excellent engine cleanliness controlling of ring and piston deposit
- Provides superior engine / gear lubrication and wear protection
- Optimize friction control for smooth gear shifting
- Extends engine life and drain interval
- Enable engine responsiveness and fuel economy (SAE 10W-30)
- Deliver engine performance and horsepower (SAE 10W-40)
- Superior film strength for engine protection under high rpm. (SAE 15W-50)

### Applications

- Recommend for lubricating engine and gearbox of four-stroke motorcycles, such as HONDA, YAMAHA, KAWASAKI and SUZUKI.

### Reference Standards

- API SL
- JASO MA2

### Key Properties

	SAE 10W-30	SAE 10W-40	SAE 15W-50
- Viscosity @ 100 °C, cSt	9.94	14.18	18.70
- Viscosity @ 40 °C, cSt	64.93	94.31	140.3
- Viscosity Index	137	155	150
- Total Base Number, mgKOH/g	7.68	7.68	7.68
- Density @ 15 °C, g/cm <sup>3</sup>	0.8634	0.8622	0.8666
- Cold-cranking Simulator, @ -25 °C, cP	5,454	6,299	-
- Cold-cranking Simulator, @ -20 °C, cP	-	-	5,471
- Flash Point , (COC) , °C	236	244	250
- Pour Point , °C	-36	-30	-27

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