



## Description

High-mileage engines typically develop greater internal clearances and require enhanced viscosity stability. For this reason, RIDER HIGH MILEAGE, in 25W-50 / 25W-60 grades, provides increased high-temperature viscosity, helping to protect critical components and maintain lubricant stability as both engine and ambient temperatures rise. Its formulation is designed to:

- Maintain consistent lubrication during continuous operation
- Protect against wear under high-temperature conditions
- Contribute to reliable performance in motorcycles used daily, on long journeys, or under intensive service

## Properties

- Reinforced high-temperature lubricating film: 25W-50 / 25W-60 grades deliver stable protection in engines subjected to high temperatures and loads.
- High thermal and oxidative stability: helps preserve oil performance during extended use and under demanding conditions.
- Effective anti-wear protection: supports the durability of internal components during continuous service.
- Consistent performance in warm climates: formulation designed for high ambient temperatures and sustained operation.
- High-Mileage approach: developed for engines with high mileage that require a more robust and stable lubrication system..

## Applications

- 4-stroke motorcycles (gasoline) with high mileage.
- Continuous use: intensive commuting, work and delivery applications, warm-climate touring, long-distance riding.
- High-temperature environments and operating conditions requiring higher hot-viscosity performance.
- Engines that specify 25W-50 or 25W-60 according to the manufacturer's manual.

## Quality levels, approvals and recommendations

• API SL

• JASO T 903:2023 MA2\*

\*Formal approval

## Technical specifications

|                               | UNIT        | METHOD     | VALUE   |         |
|-------------------------------|-------------|------------|---------|---------|
| SAE Grade                     |             |            | 25W-60  | 25W-50  |
| Density at 15 °C              | g/cm3       | ASTM D4052 | 0,893   | 0,896   |
| Kinematic viscosity at 40 °C  | cSt         | ASTM D445  | 250     | 186     |
| Kinematic viscosity at 100 °C | cSt         | ASTM D445  | 24      | 18      |
| CCS Viscosity at -10 °C       | cP          | ASTM D5293 | <13.000 | <13.000 |
| Viscosity index               | -           | ASTM D2270 | 120     | 103     |
| Flash point, open cup         | °C          | ASTM D92   | 250     | 245     |
| Pour point                    | °C          | ASTM D97   | -18     | -18     |
| Sulphated ashes               | % in weight | ASTM D874  | 0,8     |         |
| TBN                           | mg KOH/g    | ASTM D2896 | 6,5     | 6       |

The above mentioned characteristics are typical values and should not be considered product specifications.