



# V-TWIN MOTORCYCLE OIL SYN 20W-50

## Product Description:

**V-TWIN MOTORCYCLE OIL SYN 20W-50** is a premium oil designed for those who demand the absolute best lubrication for their motorcycles. It is the result of extensive research and is specially formulated to excel in all areas unique to motorcycles, including the high temperatures of air-cooled engines such as *Harley-Davidson*\* V-twins, wet-clutch lubrication.

**V-TWIN MOTORCYCLE OIL SYN 20W-50** is an advanced full synthetic technology designed for four-stroke motorcycle engines with a specially selected additive technology to ensure the following properties:

- Effective protection from rust and corrosion- Long life of critical valve train and bearing components
- Excellent dispersancy and detergency properties- Help to provide engine cleanliness, smooth and reliable operation
- Outstanding low temperature properties enable easy starting at low ambient temperatures and ensure effective lubrication and wear protection at start up.
- Thermal and oxidation stability- Excellent flow characteristics under extreme hot operating conditions helping to minimize deposit formation

**V-TWIN MOTORCYCLE OIL SYN 20W-50** exceeds the following performance criteria:

**API SN JASO MA/MA2**



| Property              | Unit               | Test Method | Typical Value |
|-----------------------|--------------------|-------------|---------------|
| SAE Grade             |                    | SAE J300    | 20W-50        |
| Density@15°C          | kg/m <sup>3</sup>  | ASTM D4052  | 860.3         |
| Kin. Viscosity @40°C  | mm <sup>2</sup> /s | ASTM D7042  | 142.5         |
| Kin. Viscosity @100°C | mm <sup>2</sup> /s | ASTM D7042  | 19.9          |
| Viscosity Index       |                    | ASTM D2270  | 161           |
| Viscosity CCS @-15°C  | cP                 | ASTM D5293  | 4700          |
| Flash Point COC       | °C                 | ASTM D92    | >201          |
| Pour Point            | °C                 | ASTM D7346  | -33           |
| Total Base Number     | mgKOH/g            | ASTM D2896  | 8.4           |

**Product Nr:** 45195

**Date Superseded:** 2-2-2021

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**Revision nr:** 1