

## MOTO-TEC

### SEMI-SYNTHETIC 4T MOTORCYCLE OILS

#### DESCRIPTION :

MOTO-TEC is a range of high quality semi-synthetic lubricants especially developed for use in high powered 4-stroke motorcycles. MOTO-TEC is formulated from premium quality mineral- and synthetic base stocks and high quality performance additives to satisfy the demanding lubrication requirements of modern 4-stroke motorcycles.

#### ADVANTAGES :

MOTO-TEC provides excellent protection towards engine, gearbox and wet clutches used in 4-stroke motorcycles and ensures the highest possible reliability even under the most severe operation conditions.

MOTO-TEC has a very good thermo-oxidative stability, minimising deposits and sludge formation. Exceptional anti-wear properties protect vital engine- and gear components leading to lower maintenance costs. Controlled frictional properties eliminate clutch slippage, effectively improving the driveability of the vehicle. The good low temperature properties enable easy starting at low ambient temperatures and ensures effective lubrication and wear protection at start up.

#### APPLICATIONS :

MOTO-TEC is recommended for a wide range of high powered 4-stroke motorcycles. MOTO-TEC exceeds the specifications of API SL and JASO MA as well the requirements of many global 4-stroke motorcycle manufacturers.

#### TECHNICAL SPECIFICATIONS :

| Test  | Method     | Unit               | Average result |        |        |
|---|------------|--------------------|----------------|--------|--------|
|   |            |                    | 10W-40         | 10W-50 | 15W-50 |
| SAE-class                                       |            |                    |                |        |        |
| Density @ 15°C, kg/m <sup>3</sup>               | ASTM D4052 | kg/m <sup>3</sup>  | 872            | 870    | 882    |
| Kinematic Viscosity @ 40°C, mm <sup>2</sup> /s  | ASTM D7042 | mm <sup>2</sup> /s | 99             | 136    | 134    |
| Kinematic Viscosity @ 100°C, mm <sup>2</sup> /s | ASTM D7042 | mm <sup>2</sup> /s | 14.9           | 17.8   | 17.3   |
| Viscosity Index                                 | ASTM D2270 | -                  | 160            | 145    | 140    |
| Flash Point (COC), °C                           | ASTM D92   | °C                 | 210            | 210    | 210    |
| Pour Point, °C                                  | ASTM D97   | °C                 | -33            | -30    | -24    |
| Total Base Number, mgKOH/g                      | ASTM D2896 | mgKOH/g            | 7.9            | 7.9    | 7.9    |
| Sulphated Ash, wt %                             | ASTM D874  | %                  | 0.96           | 0.96   | 0.96   |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

