



## RUSH 4T ESTER

### PRODUCT DESCRIPTION:

Rush 4T Ester is advanced performance fully synthetic motorcycle oil. The unique, synthetic ester structure of the Rush 4T Ester formulation enables it to offer advantages beyond conventional synthetic motorcycle oil of similar viscosity. It uses an innovative low volatility base oil composition along with stable ester and anti wear additives to achieve increased power, ultimate engine and transmission protection, reduce oil consumption and improved fuel economy under race conditions.

### APPLICATION:

Race bikes fitted with high performance 4 stroke engines, integrated gearbox or not, wet or dry clutch. Race engines operating over a wide range of temperatures and rpm: Speed bikes, MotoGP, SuperSport, Superbike, uphill, hill climb.

### FEATURES & BENEFITS:

- Maximizes power and acceleration
- Optimized clutch friction indexes for improved life time and better traction in difficult conditions
- Outstanding protection against wear of engine and transmission components
- Exceptional thermal stability
- Excellent shear stability
- Allows maximum torque output of the engine without compromising reliability and wear

### PERFORMANCE LEVELS: Meets and Exceeds:

- API Service Category SN
- JASO MA 2

### TYPICAL PROPERTIES:

| PARAMETERS                         | ASTM   | UNIT              | RUSH 4T ESTER |               |               |               |
|------------------------------------|--------|-------------------|---------------|---------------|---------------|---------------|
| SAE Grade                          |        |                   | 5W-40         | 15W-50        | 10W-50        | 10W-60        |
| Kinematic Viscosity @ 104°F /40°C  | D-7042 | cSt               | 97.3          | 149.85        | 145.05        | 187.5         |
| Kinematic Viscosity @ 212°F /100°C | D-7042 | cSt               | 15.5          | 20.5          | 20.5          | 25.5          |
| Viscosity Index                    | D-2270 | -                 | 170           | 160           | 165           | 170           |
| SP. Gravity @15°C                  | D-4052 | g/cm <sup>3</sup> | 0.845         | 0.860         | 0.856         | 0.855         |
| Flash Point (min)                  | D-92   | °C                | 236           | 240           | 240           | 236           |
| Pour Point (max)                   | D-97   | °C                | -42           | -39           | -39           | -39           |
| TBN                                | D-2896 | Mg KOH/g          | 8.5           | 8.5           | 8.5           | 8.5           |
| CCS                                | D-5293 | m.Pa.S            | 5900 (-30 °C) | 6500 (-20 °C) | 6600 (-25 °C) | 6700 (-25 °C) |

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)