



سن لوب لوبر كنتس اندستري ذ.م.م

**SUNLUBE LUBRICANTS INDUSTRY LLC**

## **TECHNICAL DATA SHEET**

### **MOTORCYCLE OILS**

Sunlube 4T is a series of premium, synthetic-blend, shear-stable, multigrade, multifunctional lubricants developed specifically for gasoline motorcycle engines, clutches and gearboxes working under severe duty conditions. Its high frictional properties guarantee the clutch engagement for enhanced acceleration. Synthetic-blend formulation and carefully selected additives provide excellent protection against wear, deposits formation and thermal breakdown, keeping the performance throughout the full oil service life. It is highly recommended for use in four-stroke gasoline motorcycle Engine, Clutch and Gear (ECG) applications such as Honda, Suzuki, Kawasaki, Yamaha, Bajaj and other motorcycles that require the specifications below.

#### **BENEFITS:**

- Excellent oxidation stability under exposure to high operating temperature
- Optimized frictional properties that deliver smooth clutch operation
- Protects vital gear & clutch components to maximize their service life
- Provides exceptional protection against rust and keeps engine parts protected from wear
- Provides long drain intervals
- Wide operating conditions from mild to severe

#### **PERFORMANCE STANDARDS:**

- JASO MA/MA2
- API SN

#### **TYPICAL PROPERTIES:**

| Properties                  | Unit               | Test Method |               |
|-----------------------------|--------------------|-------------|---------------|
| Grade                       | -                  |             | <b>15W-40</b> |
| Density @ 15°C              | g/cm <sup>3</sup>  | ASTM D-4052 | 0.881         |
| Kinematic Viscosity @ 40°C  | mm <sup>2</sup> /S | ASTM D-445  | 99            |
| Kinematic Viscosity @ 100°C | mm <sup>2</sup> /S | ASTM D-445  | 13.8          |
| Viscosity Index             | -                  | ASTM D-2270 | 140           |
| Flash Point                 | °C                 | ASTM D-92   | 230           |
| Pour Point                  | °C                 | ASTM D-97   | -27           |
| TBN                         | Mg KOH/g           | ASTM D-2896 | 8             |
| CCS Viscosity               | cP                 | ASTM D-5293 | 6400 (-25)    |

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