

# STRADA 4T 10W-40

**SYNTOL**  
LUBRICANTS

## 4T MOTORCYCLE OIL SYNTHETIC **ESTER MATRYX®** TECHNOLOGY

HIGH PERFORMANCE SYNTHETIC ESTER 4 STROKE MOTORCYCLE OIL DEVELOPED TO EXCEED THE REQUIREMENTS OF ALL BIKE MANUFACTURERS WHERE VISCOSITY GRADE IS APPROPRIATE.

THE USE OF OUR PROPRIETARY **ESTER MATRYX®** TECHNOLOGY, ALONG WITH INNOVATIVE ADDITIVE CHEMISTRY GUARANTEES PERFORMANCE WITHOUT ANY COMPROMISE ON COMPONENT WEAR, ENGINE RELIABILITY OR CATALYTIC CONVERTER COMPATIBILITY. THIS PRODUCT PROVIDES PROVEN LUBRICATION OF ENGINE & GEARBOX WHILST MAINTAINING THE HIGHEST LEVEL OF CLUTCH FRICTION.

### APPLICATIONS

ALL ROAD & OFF-ROAD 4 STROKE MOTORCYCLES WITH OR WITHOUT INTEGRAL GEARBOX AND WET OR DRY CLUTCH.

**MAIN USES:** HIGH PERFORMANCE ROAD BIKES, MOTOCROSS, ENDURO, SPORT BIKES, STREET BIKES (INCLUDING THOSE FITTED WITH CATALYTIC CONVERTER), DESERT, SCOOTER, ATV, UTV.

### KEY FEATURES

- SYNTHETIC **ESTER MATRYX®** TECHNOLOGY.
- RESISTANT TO PERMANENT VISCOSITY LOSS, ESPECIALLY IMPORTANT FOR MOTORCYCLES WITH COMBINED CRANKCASE AND TRANSMISSION.
- OUTSTANDING VALVETRAIN WEAR PROTECTION DEMONSTRATED BY ASTM D6891 – SEQUENCE IV-A RESULTS.
- LOW OIL CONSUMPTION.
- PROVEN DEPOSIT CONTROL CHEMISTRY.
- EXCELLENT STATIC AND DYNAMIC FRICTION CHARACTERISTICS FOR PERFECT OIL IMMersed CLUTCH OPERATION DURING INITIAL ENGAGEMENT, CONSTANT SPEED AND ACCELERATION PHASES.

### PERFORMANCE

JASO T904 - MA2  
JASO T904 - MA

MAY BE USED WHERE API SP, SN, SM, SL, SJ, SH OR SG ARE REQUIRED IN ALL POWERSPORT APPLICATIONS.

STRADA 4T 10W-40 IS SUITABLE FOR USE IN ALL **KAWASAKI®**, **SUZUKI®**, **YAMAHA®** AND OTHER EQUIPMENT WHERE SAE 10W-40 AND ABOVE PERFORMANCE SPECIFICATIONS ARE APPROPRIATE.

### PHYSICAL & CHEMICAL CHARACTERISTICS

| PROPERTY                                 | METHOD       | UoM     | TYPICAL        | JASO LIMITS |
|------------------------------------------|--------------|---------|----------------|-------------|
| SAE VISCOSITY                            | SAE J300     | -       | 10W-40         | -           |
| SAE VISCOSITY                            | SAE J306     | -       | 75W-90         | -           |
| RELATIVE DENSITY @ 15°C                  | ASTM D4052   | g/cm3   | 0.8684         | REPORT      |
| KINEMATIC VISCOSITY @ 40°C               | ASTM D445    | mm2/s   | 94.00          | REPORT      |
| KINEMATIC VISCOSITY @ 100°C              | ASTM D445    | mm2/s   | 14.40          | 12.5-16.3   |
| VISCOSITY INDEX                          | ASTM D2270   | -       | 159            | REPORT      |
| CCS VISCOSITY @ -25°C                    | ASTM D5293   | mPa.s   | 6600           | 7000 MAX.   |
| HTHS VISCOSITY @ 150°C                   | ASTM D5481   | mPa.s   | 4.2            | 2.9 MIN.    |
| TOTAL BASE NUMBER (TBN)                  | ASTM D2896   | mgKOH/g | 7.4            | REPORT      |
| FLASH POINT (CoC)                        | ASTM D92     | °C      | 246            | REPORT      |
| POUR POINT                               | ASTM D97     | °C      | -33            | REPORT      |
| EVAPORATIONAL LOSS - NOACK (250°C)       | ASTM D5800B  | % mass  | 9.0            | 20 MAX.     |
| KO SHEAR STABILITY - AFTER SHEAR (100°C) | ASTM D6278   | mm2/s   | 12.8           | 12.0 MIN.   |
| SHEAR STABILITY INDEX - SSI              | ASTM D6278   | %       | 11.1           | -           |
| FOAMING TENDENCY - SEQUENCE I (24°C)     | ASTM D892    | mL      | 0-0            | 10-0        |
| FOAMING TENDENCY - SEQUENCE II (93.5°C)  | ASTM D892    | mL      | 0-0            | 50-0        |
| FOAMING TENDENCY - SEQUENCE III (24°C)   | ASTM D892    | mL      | 0-0            | 10-0        |
| SULPHATED ASH                            | ASTM D874    | % mass  | 1.1            | 1.2 MAX.    |
| PHOSPHORUS CONTENT                       | ASTM D6443   | % mass  | 0.10           | 0.08-0.12   |
| SULPHUR CONTENT                          | ASTM D6443   | % mass  | 0.30           | REPORT      |
| APPEARANCE                               | ASTM D4176-1 | -       | CLEAR & BRIGHT | REPORT      |
| COLOUR                                   | VISUAL       | -       | AMBER          | REPORT      |

