



MAGIC 4T ROYAL (4 STROKE TWO WHELLER ENGINE OIL)

Introduction:

MOTOROL Magic Royal 20W-50 is a unique premium lubricant blended with superior high viscosity index base oil & versatile additive technology. Recommended for 4 stroke engines of modern motorcycles. Specially designed and formulated to ensure longer life of engine, clutch & gear components.

Applications:

Recommended for 4 stroke motorcycles specially bikes like Hero Honda, Bajaj Auto, TVS, Yamaha, Kinetic LML, Honda etc.

Advantages:

- ◆ Superior detergent-dispersant properties.
- ◆ Prevents lacquer, varnish and ring sticking for piston cleanliness.
- ◆ Excellent anti-wear properties for longer engine life
- ◆ Prevents clutch slippage at varying speeds
- ◆ Catalytic convertor compatible

Performance Standard:

- ◆ API SL, JASO MA2 & also meets VALVE TRAIN WEAR OF API SM of SAE 20W - 50

Typical Specifications:

| Sr. No. | Characteristics | Test Method | Typ. Value |
|---------|-----------------------------------|---------------|----------------|
| 1 | Appearance | VISUAL | Bright & Clear |
| 2 | Colour, Max | ASTM D 1500 | 3 |
| 3 | Kinematic Viscosity at 100°C, cSt | ASTM D - 445 | 17.5-19.5 |
| 4 | Viscosity Index, Min | ASTM D - 2270 | 110 |
| 5 | TBN, mg KOH/g | ASTM D - 2896 | 5-7 |
| 6 | Flash Point, (COC), °C Min | ASTM D - 92 | 220 |
| 7 | Pour Point, °C Max | ASTM D - 97 | (-) 24 |

Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request.

MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not spill oils on the shop floor, discharge into drains, ground or water sources.