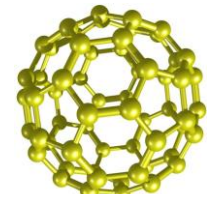




RACER SEMI SYN 4T-M MOTORCYCLE OIL



Fortified With
Bardahl Fullerenes
Technology

BARDAHL RACER SEMI SYNTHETIC 4T-M MOTORCYCLE OIL – SAE 15W-50 (API SM)

PRODUCT DESCRIPTION

Bardahl Racer Semi Synthetic 4T-M motorcycle oils contain premium synthetic and mineral base stocks and advanced metallo-organic additives, coupled together with Bardahl's proprietary fullerenes technology, helps to provide better pumpability in cold conditions and superior high temperature running conditions.

Bardahl Fullerenes Technology

Bardahl Fullerenes technology uses fullerene molecules to reduce friction and wear in engines. Fullerene molecules create a protective layer of hard particles on engine surfaces and prevent direct surface-to-surface contact. Being spherical in shape, Fullerene molecules act as nano ball bearings, allowing surfaces to glide over one another with minimal friction and wear.

Advantages

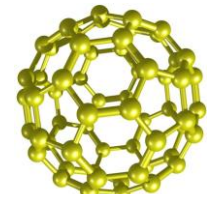
- Meets the performance requirements of all major Japanese and European Motorcycle manufacturers
- Superior resistance to high temperature thermal breakdown
- Excellent anti-sludge properties
- Highly shear stable multi-grade oils
- Excellent all-temperature performance
- Positive clutch response and extended gear life
- Maximise engine life and minimise maintenance costs

Performance Standards

| |
|----------|
| API SM |
| JASO MA2 |



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Applications

- For use in high output, multi-cylinders, multi-valves 4-stroke motorcycles.
- Suitable for motorcycles with combined engine/transmission units, or separate gearboxes where a multi-grade engine oil of SM or JASO MA2 is specified.

Typical Properties

| | |
|-----------------------------------------------|---------------|
| SAE GRADE | 15W-50 |
| Density, kg/litre@15°C | 0.872 |
| Colour ASTM | L3.0 |
| Kinematic Viscosity, mm ² /s@40°C | 148.12 |
| Kinematic Viscosity, mm ² /s@100°C | 19.00 |
| Viscosity Index | 146 |
| CCS @ -20°C | 6500 |
| Pour Point, °C | -30 |
| Flash Point COC, °C | 230 |
| TBN, mg KOH/g | 7.10 |