



RACER FULLY SYN 4T-N SCOOTER ENGINE OIL



Fortified With
Bardahl Fullerenes
Technology

BARDAHL RACER FULLY SYNTHETIC 4T-N SCOOTER OIL – SAE 5W-40 (API SN)

PRODUCT DESCRIPTION

Bardahl Racer Fully Synthetic 4T-N scooter engine oils contain top-tier synthetic base stocks and advanced metallo-organic additives, coupled together with Bardahl's proprietary fullerenes technology, helps to reduce oil consumption, improve fuel economy and provide easier starting. Bardahl Racer Fully Synthetic 4T-N scooter engine oil demonstrates outstanding performance in 4-stroke scooters that run mainly in stop-and-go urban traffic conditions. The operating condition places severe demands on the scooters as even low speed will generate high engine temperatures.

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

- Meet the performance requirements of all major Japanese and European motorcycle Manufacturers.
- Exceptional resistance to high temperature thermal breakdown.
- Excellent anti-sludge properties.
- Maximise engine life and minimise maintenance costs.
- Highly shear stable multi-grade oils.
- Excellent all-temperature performance for protection at start-up and during high temperature operations.
- Maximum throttle response and power.
- Smooth clutch operation.
- Protects against rust, corrosion, wear and deposits

Performance Standards

API SN
JASO MB



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Applications

- Recommended for 4-stroke scooters requiring an API SN grade oil with the flexibility of meeting JASO MB friction performance of modern CVT transmissions

Typical Properties

SAE GRADE	5W-40
Density, kg/litre@15°C	0.855
Colour ASTM	L3.5
Kinematic Viscosity, mm ² /s@40°C	83.84
Kinematic Viscosity, mm ² /s@100°C	14.5
Viscosity Index	180
CCS @ -30°C	5802
Pour Point, °C	-39
Flash Point COC, °C	210
TBN, mg KOH/g	8.38