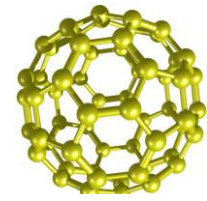




# RACER FULLY SYN 4T-N SCOOTER ENGINE OIL



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**

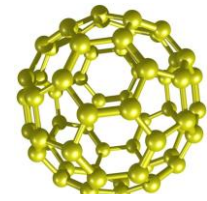
- Meet the performance requirements of all major Japanese and European motorcycle Manufacturers.
- Exceptional resistance to high temperature thermal breakdown.
- Excellent anti-sludge properties.
- Maximise engine life and minimise maintenance costs.
- Highly shear stable multi-grade oils.
- Excellent 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

<b>SAE GRADE</b>	<b>5W-40</b>
Density, kg/litre@15°C	0.855
Colour ASTM	L3.5
Kinematic Viscosity, mm <sup>2</sup> /s@40°C	83.84
Kinematic Viscosity, mm <sup>2</sup> /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