



BARDAHL RACER 4T SCOOTER ENGINE OIL



**Fortified With
Bardahl Fullerenes
Technology**

BARDAHL PREMIUM QUALITY SEMI SYNTHETIC SCOOTER ENGINE OIL – SAE 10W-40 (API SM/JASO MB)

PRODUCT DESCRIPTION

Bardahl Racer Semi Synthetic Scooter Engine Oil 10W-40 is formulated with advanced additives and premium quality base stocks to meet the requirements of 4-stroke scooter bikes. Bardahl Racer Semi Synthetic Scooter Engine Oil demonstrates outstanding performance in 4-stroke scooter that run mainly in stop-and-go urban traffic conditions. The operating condition places severe demands on the vehicles as even low speed will generate high engine temperatures.

Bardahl Fullerenes Technology

Bardahl Fullerene 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

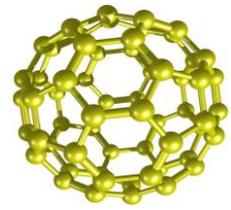
- Good temperature stability and oxidation resistance that combat in-service oil degradation
- Multi-grade oil with high viscosity index that reduces wear at high temperatures and maintains fluidity at low temperatures for all-season performance
- Powerful high-TBN (Total Base Number) detergent to maintain cleanliness and fight corrosion
- Extends engine life
- Cost effective product
- State-of-art dispersant technology to combat sludge
- Outstanding all-round protection
- Resists foaming

Applications

- Recommended for 4-stroke scooters, with the flexibility of meeting JASO MB friction performance of modern CVT transmissions.



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Performance Standards

API SM
JASO MB

Typical Properties

SAE GRADE	10W-40
Density, kg/litre@15°C	0.8682
Colour ASTM	3.5
Kinematic Viscosity, mm ² /s@40°C	106.75
Kinematic Viscosity, mm ² /s@100°C	14.5
Viscosity Index	140
CCS@-25°C, cP	6300
Pour Point, °C	-30
Flash Point COC, °C	220
TBN, mg KOH/g	7.20