



C60 SUPER LUBE SEMI SYNTHETIC ENGINE OIL SP/CF



Fortified With
C60 Polar Plus
Technology

BARDAHL PREMIUM QUALITY SEMI SYNTHETIC ENGINE OIL
– SAE 10W-40 (API SP/CF)

Product Description

Bardahl C60 Super Lube Semi Synthetic Engine Oils are advanced semi synthetic gasoline engine oils of exceptional quality, formulated by combining high performance synthetic base stocks with Bardahl's proprietary additive packages.

C60 Polar Plus Technology

Engine wear during startup can be 4 times as great as wear under normal operating conditions. SAE Paper 952474 reported that 84% of piston ring wear occurs within 22 minutes of starting an engine. Bardahl C60 Super Lube uses proprietary Polar Attraction technology, an organic electro-molecular formula that bonds to engine surfaces, forming a durable lubricant film. This lubricant film stays in place all the time, around the clock, and will not burn away under extreme pressures and temperatures nor drain off when the engine stops. Together with premium engine oils and added with C60 fullerenes, the C60 Super Lube provides triple layers of protection against friction, heat and wear.

This unique formulation will prevent engine wear resulting from damaging "dry starts" and provide temporary engine protection in case oil leaks.

These outstanding properties of C60 Super Lube have been extensively demonstrated through numerous Bardahl No Oil Runs - the longest on record was the 1330km-run in Malaysia in 1999.

Advantages

- Reduces greenhouse gas emissions.
- Improves fuel economy.
- Protects engine from LSPI (Low Speed Pre-Ignition) problems.
- Reduces sludge and varnish deposit formation.
- Improves protection against timing-chain wear.
- Enhanced formulation improves engine cleanliness.
- Protects against rust and corrosion.
- Extraordinary oxidation and thermal stability.
- Maximises oil drain and engine overhaul periods.
- Excellent stay-in-grade ensures viscosity integrity.
- Improves engine durability.

Issue Date: 23/10/2023

Bardahl reserves the right to modify or change this product with the purpose of improving its performance characteristics



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Applications

- Recommended for naturally aspirated and turbocharged gasoline or diesel vehicles in all service conditions requiring an API SP, SN PLUS, SN, CF, or lower API category oil.
- Protects modern, turbocharged engines from LSPI problems.
- Protects engine operating on Ethanol up to E85.

Performance Standards

API SP/CF

Typical Properties

SAE GRADE 10W-40

| Property | Unit | Test Method | Specifications | | |
|----------------------------|---------|-------------|----------------|---------|-------|
| | | | Min | Typical | Max |
| Density @15°C | kg/L | ASTM D 4052 | | 0.8624 | |
| Colour | - | ASTM D 1500 | | L2.5 | |
| Kinematic Viscosity @40°C | cSt | ASTM D 445 | | 96.82 | |
| Kinematic Viscosity @100°C | cSt | ASTM D 445 | 14.0 | | 15.5 |
| Viscosity Index | - | ASTM D 2270 | | 150 | |
| CCS@-25°C | cP | ASTM D 5293 | | 5,600 | 7,000 |
| HTHS@150°C | mPa.s | ASTM D 4683 | | 4.0 | |
| Pour Point | °C | ASTM D 6749 | | | -30 |
| Flash Point COC | °C | ASTM D 92 | 200 | | |
| Total Base No. | mgKOH/g | ASTM D 2896 | | 7.0 | |

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