



C60 SUPER LUBE FULLY SYNTHETIC ENGINE OIL SP-RC / ILSAC GF-6A



Fortified With
C60 Polar Plus
Technology

BARDAHL PREMIUM QUALITY FULLY SYNTHETIC ENGINE OIL
– SAE 10W-30 (API SP-RC / ILSAC GF-6A)

Product Description

Bardahl C60 Super Lube Fully Synthetic Engine Oils are advanced fully 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

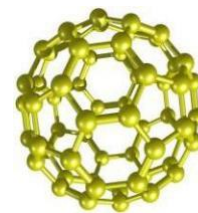
- Reduces greenhouse gas emissions.
- Improves fuel economy.
- Protects engine from LSPI (Low Speed Pre-Ignition) problems.
- Reduces sludge and varnish deposit formation.
- Improves protection against timing-chain wear.
- Enhanced formulation improves engine cleanliness.
- Protects against rust and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

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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 a wide range of current US and European engine as well as Japanese and Korean models in all service conditions requiring an API SP-RC, API SP, API SN PLUS RC, API SN PLUS, API SN or lower API category oil.
- Suitable for passenger cars, MPVs, SUVs requiring ILSAC GF-6A or ILSAC GF-5 performance.
- Protects modern, turbocharged engines from LSPI problems.
- Protects engine operating on Ethanol up to E85.

Performance Standards

API SP-RC
API SN PLUS
API SN
ILSAC GF-6A

Typical Properties

SAE GRADE 10W-30

Property	Unit	Test Method	Specifications		
			Min	Typical	Max
Density @15°C	kg/L	ASTM D 4052		0.854	
Colour	-	ASTM D 1500		L3.0	
Kinematic Viscosity @40°C	cSt	ASTM D 445		62.5	
Kinematic Viscosity @100°C	cSt	ASTM D 445		10.3	
Viscosity Index	-	ASTM D 2270		153	
CCS@-35°C	cP	ASTM D 5293		3,704	7,000
HTHS@150°C	cP	CEC L-36-A-90		3.0	
Pour Point	°C	ASTM D 6749		-45	
Flash Point COC	°C	ASTM D 92	200	220	
Total Base No.	mgKOH/g	ASTM D 2896		6.5	