



MXP HIGH PERFORMANCE SEMI SYNTHETIC ENGINE OIL



**Fortified With
Bardahl Fullerenes
Technology**

MXP HIGH PERFORMANCE SEMI SYNTHETIC ENGINE OIL – SAE 10W-40 (API SN/CF)

PRODUCT DESCRIPTION

Bardahl Premium MXP Semi Synthetic engine oil is optimised for the lubrication of high-performance engines. The Semi Synthetic engine oil is formulated to provide the benefits of many fully synthetic motor oils at a lower price. Bardahl MXP Semi Synthetic engine oil is blended with Bardahl Fullerenes Technology, synthetic oil components and superior quality mineral base oil and always maintains a strong oil film that minimises metal-to-metal contacts. It is formulated to resist breakdown under high loads, temperatures and speeds experienced by fast speed, high torque engines.

This is high quality synthetic-based engine oil specially designed for today's high performance automotive engines. It can be used in naturally aspirated and high-performance turbocharged gasoline engines requiring an API SN lubricant. It is also suitable for use in light-duty diesel engines requiring an API CF lubricant.

Bardahl Fullerenes Technology

Normal engine oils, anti-wear and anti-friction additives form a single layer of protection that can be broken under high load and high stress applications. Bardahl Fullerenes Technology offers added layer of protection to shield engine components against friction and wear. It uses Bardahl Fullerene molecules to create an extra protective layer of hard particles on engine surfaces and prevent direct surface-to-surface contact. Being spherical in shape, Bardahl Fullerene molecules act as nano ball bearings, allowing surfaces to glide over one another with minimal friction and wear.

Advantages

- Protection of after-treatment emission system and turbocharger.
- Excellent stay-in grade stability ensures viscosity integrity and reduces oil consumption.
- Better fuel economy.
- Outstanding engine cleanliness.
- Compatible with ethanol-containing gasoline.
- Protect against rust and corrosion.
- Extraordinary oxidation and thermal stability.

Applications

- Guaranteed for use in naturally aspirated and high-performance turbocharged gasoline engines requiring an API SN lubricant.
- Suitable for use in light-duty diesel engines requiring an API CF lubricant.
- Suitable for all driving conditions i.e. stop-and-go, city, highway and roads.

Issue Date: 10/10/2023

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



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Performance Standards

API SN/CF

Typical Properties

SAE GRADE 10W-40

Property	Unit	Test Method	Specifications		
			Min	Typical	Max
Density @15°C	kg/L	ASTM D 4052		0.8629	
Colour	-	ASTM D 1500		L2.5	
Kinematic Viscosity @40°C	cSt	ASTM D 445		99.69	
Kinematic Viscosity @100°C	cSt	ASTM D 445	13.5	14.3	15.0
Viscosity Index	-	ASTM D 2270		147	
CCS@-25°C	cP	ASTM D 5293		5,879	7,000
HTHS@150°C	mPa.s	ASTM D4683		3.793	
Pour Point	°C	ASTM D 6749			-27
Flash Point COC	°C	ASTM D 92	200		
Total Base No.	mgKOH/g	ASTM D 2896		6.73	