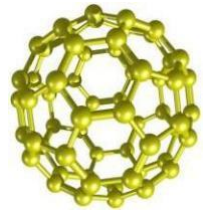




# **MXP HIGH PERFORMANCE FULLY SYNTHETIC ENGINE OIL**



**Fortified With  
Bardahl Fullerenes  
Technology**

## **MXP HIGH PERFORMANCE FULLY SYNTHETIC ENGINE OIL – SAE 5W-40 (SN/CF)**

### **PRODUCT DESCRIPTION**

Bardahl Premium MXP Fully Synthetic engine oil satisfies the demands of new engine designs, operating under severe conditions. This engine oil is blended with premium base stocks and unique Bardahl Fullerenes Technology and always maintain a strong oil film that minimises metal-to-metal contacts.

MXP Fully Synthetic engine oil provides excellent protection against cold starts and extended oil drain intervals for all vehicles and withstands the requirements of high-performance engines operating under high temperature, high-load environment.

Bardahl MXP Fully Synthetic engine oil provides superior performance with improved engine cleanliness. These engine oils can be used in high-performance turbocharged gasoline engines requiring an API SN 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**

- Excellent stay-in-grade ensures viscosity integrity and reduces oil consumption.
- Reduce maintenance costs by maximising oil drain and engine overhaul periods.
- Outstanding engine cleanliness.
- Excellent sludge and varnish deposit control.
- Protects against rust and corrosion.
- Extraordinary oxidation and thermal stability.
- Fully compatible with conventional mineral motor oils and other synthetic engine oils.

### **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**



# MXP HIGH PERFORMANCE FULLY SYNTHETIC ENGINE OIL



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## Performance Standards

API SN/CF

## Typical Properties

### SAE GRADE 5W-40

Property	Unit	Test Method	Specifications		
			Min	Typical	Max
Density @15°C	kg/L	ASTM D 4052		0.8495	
Colour	-	ASTM D 1500		L2.5	
Kinematic Viscosity @40°C	cSt	ASTM D 445		91.87	
Kinematic Viscosity @100°C	cSt	ASTM D 445	13.5	14.85	15.0
Viscosity Index	-	ASTM D 2270		170	
CCS@-30°C	cP	ASTM D 5293		5,710	6,600
HTHS@150°C	mPa.s	ASTM D4683		3.763	
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	

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