



MXP HIGH PERFORMANCE FULLY SYNTHETIC ENGINE OILS



**Fortified With
Bardahl Fullerenes
Technology**

MXP HIGH PERFORMANCE FULLY SYNTHETIC ENGINE OIL

- SAE 5W-30 (API SN/CF)**
- SAE 5W-40 (API SN/CF)**

PRODUCT DESCRIPTION

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

MXP Fully Synthetic engine oils provide 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 oils provide 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 stability ensures viscosity integrity and reduces oil consumption.
- Reduce maintenance costs by maximizing 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.

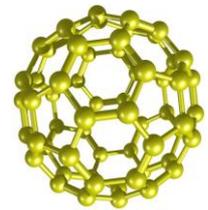
Applications

- 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.



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Performance Standards

API SN/CF

Typical Properties

SAE GRADE	5W-30	5W-40
Density, kg/litre@15°C	0.853	0.852
Colour ASTM	2.5	2.5
Kinematic Viscosity, mm ² /s@40°C	58.10	87.93
Kinematic Viscosity, mm ² /s@100°C	9.96	14.73
Viscosity Index	158	175
CCS@-30°C, cP	6000	5409
HTHS@150°C, cP	3.7	4.0
Pour Point, °C	-42	-39
Flash Point COC, °C	222	226
TBN, mg KOH/g	8.40	8.50