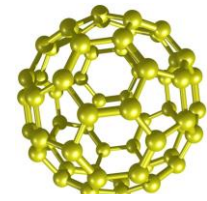




MXP HIGH PERFORMANCE ENGINE OIL



Fortified With
C60 Fullerenes
Technology

BARDAHL HIGH PERFORMANCE ENGINE OIL

- SAE 10W-30 (API SN/CF)
- SAE 15W-40 (API SN/CF)
- SAE 15W-50 (API SN/CF)

PRODUCT DESCRIPTION

Bardahl MXP Engine Oils are high quality automotive lubricants meeting the latest industry performance standards, They are formulated from highly refined base stocks for added thermal and oxidation stability.

C60 Fullerenes Technology

Bardahl C60 Fullerene technology uses fullerene molecules to reduce friction and wear in engines. Fullerene molecules create a protective layer of hard particles on engine surfaces and prevent direct surface-to-surface contact. Being spherical in shape, C60 Fullerene molecules act as nano ball bearings, allowing surfaces to glide over one another with minimal friction and wear.

Advantages

- Excellent resistance to high temperature thermal breakdown
- Excellent anti-sludge properties
- Extended engine life
- Excellent multi-grade stability in service
- Outstanding engine cleanliness
- Protection of Exhaust Emission Control System
- Excellent low temperature fluidity

Performance Standards

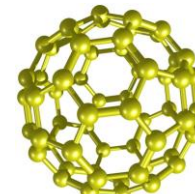
API SN/CF

Applications

- Recommended for a wide range of current US, European engines as well as Japanese and Korean models in all service condition requiring an API SN/CF oil.
- Suitable for passenger cars, MPVs, SUVs, light-duty diesel engines and turbocharged gasoline engines
- Suitable for the high-rev engine designs for which API SN/CF oils are specified



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Typical Properties

SAE GRADE	10W-30	15W-40	15W-50
Density, kg/litre@15°C	0.8675	0.8759	0.8770
Colour ASTM	2.5	2.5	2.5
Kinematic Viscosity, mm ² /s@40°C	63.0	108.0	135.0
Kinematic Viscosity, mm ² /s@100°C	10.7	14.7	17.5
Viscosity Index	139	140	144
CCS@-20 °C, cP	---	6200	6630
CCS@-25 °C, cP	6290	---	---
HTHS@150°C, cP	3.2	3.5	3.9
Pour Point, °C	-39	-24	-36
Flash Point COC, °C	226	230	236
TBN, mg KOH/g	8.33	8.33	8.50