cyclon®

ENGINEERED TO PERFORM

TECHNICAL PRODUCT SHEET

MAX X-200

5W—30, 5W—40, 10W—40

DESCRIPTION

MAX X-200 is a premium synthetic-blend engine oil series, engineered for gasoline, diesel, LPG, and CNG engines, delivering strong wear protection, thermal stability, detergency, and emissions-system compatibility to maintain engine cleanliness and performance under modern, high-demand operating conditions.

APPLICATIONS

MAX X-200 lubricants support all-season operation in modern 4-stroke gasoline engines used in passenger cars, light trucks, and marine applications. They are compatible with E-85, diesel, LPG, and CNG fuels, delivering stable performance under urban and highway conditions with extended drain capability. Meeting ILSAC GF-6 and API SP standards, they are optimized for TGDI engines and mitigate LSPI while exceeding global OEM requirements.

SPECIFICATIONS

API	SQ	ILSAC	GF-7A (for 5W-30)
API	SP *(Approved)*	ILSAC	GF-6A *(Approved for 5W-30)*
API	SN Plus RC *(Approved for 5W-30)*	ILSAC	Level: GF-5 (for 5W-30)
API	SN Plus *(Approved for 10W-40 & 5W-40)*	GB	Level: 11121-2006 SL
API	Level: SN Plus (for 5W-30), SN, SM, SL, SJ, CF		
API	SN-RC (for 5W-30),		
API	SN, SM, SL, SJ, CF		

PROPERTIES

MAX X-200 lubricants provide enhanced protection against low-speed pre-ignition (LSPI), ensuring reliable performance in modern turbocharged GDI engines as well as older engine technologies. Their formulation delivers high thermal stability and strong oxidation resistance, maintaining viscosity and film strength under severe operating conditions. The energy-efficient additive system supports reduced frictional losses, while emissions-compliant chemistry ensures compatibility with modern aftertreatment systems and regulatory requirements.

BENEFITS

MAX X-200 lubricants are engineered to extend engine service life by providing durable wear protection and maintaining optimal component cleanliness. Their advanced formulation supports reduced maintenance and operational costs through improved system efficiency and longer service intervals. Low-friction chemistry minimizes internal mechanical losses, contributing to enhanced fuel economy, while controlled volatility reduces oil burn-off, limiting deposit formation and helping lower exhaust emissions for sustained engine performance.

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PHYSICAL-CHEMICAL CHARACTERISTICS

MAX X-200	METHOD	SAE 5W-30	SAE 5W-40	SAE 10W-40
Density at 15°C, g/cm^3	ASTM D4052	0.851	0.868	0.862
Dynamic viscosity, °C/cP	ASTM D5293	-30°C/5,400	-30°C/5,600	-25°C/5,300
Viscosity, Kinematic (cSt) 100°C	ASTM D445	11.2	13.7	14.4
Viscosity, Kinematic (cSt) 40°C	ASTM D445	65.0	82.5	93.2
Viscosity index	ASTM D2270	167	171	159
TBN, mgKOH/g	ASTM D2896	7.4	7.4	7.4
Flash point, COC, °C	ASTM D92	226	234	240
Pour point, °C	ASTM D97	-39	-36	-33
HTHS Viscosity @150^{0}C, cp	ASTM D4683	2.9	3.5	3.5

The abovementioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.

HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).

USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

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v1.JAN26

Produced and Packaged in E.U.
cyclon-lpc.com

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