cyclon®

ENGINEERED TO PERFORM

TECHNICAL PRODUCT SHEET

MAX X-300

5W—40, 10W—40

DESCRIPTION

MAX X-300 lubricants are high-performance synthetic engine oils engineered for modern four-stroke gasoline and diesel passenger vehicles. Formulated with the advanced additive system, they deliver superior engine cleanliness and sustained protection against carbon deposit formation in critical components, including turbochargers. Their high-quality synthetic base stocks ensure low volatility, reduced oil consumption, and stable performance under severe operating conditions. MAX X-300 series meets the stringent requirements of leading European, Asian, and U.S. OEM specifications, making it suitable for use in high-efficiency, latest-generation engines.

APPLICATIONS

MAX X-300 lubricants series is engineered for high-output passenger vehicles, with or without catalytic converters, and is fully compatible with turbocharged, multi-valve, and both direct- and indirect-injection high-revving engines used in cars and light vans. Its robust synthetic formulation also supports reliable lubrication in gas-powered vehicles. Designed for year-round use, MAX X-300 series maintains stable performance under severe operating conditions, making it suitable wherever superior-grade engine oils are required.

SPECIFICATIONS

API	SP (for 5W-40)
API	SN (*Approved* for 10W-40)
API	SL
API	CF (for 10W-40)
ACEA	A3/B3
ACEA	A3/B4
MB	MB-Approval 229.3 *(Approved for 10W-40)*
MB	229.1 (for 10W-40)
RENAULT	RN 0700
VW	505.00
VW	Level: 502.00 (for 10W-40)
BMW	Level: LongLife-98 (for 10W-40),
BMW	Level: LongLife-01 (for 5W-40)
JASO	MA-2

PROPERTIES

MAX X-300 lubricants series utilizes high-quality synthetic base stocks to ensure rapid cold-start lubrication and stable viscosity under severe mechanical stress. The advanced additive system enhances anti-wear protection, while strong oxidation resistance and high detergency maintain engine cleanliness, control deposits, and support extended oil life in demanding operating conditions.

BENEFITS

MAX X-300 lubricants series minimizes oil consumption at extreme temperatures and ensures rapid lubrication during cold starts to reduce wear. Its durable synthetic formulation withstands severe service and supports extended drain intervals. Strong resistance to ageing and thermal breakdown prevents varnish and sludge formation, preserving engine efficiency and prolonging overall engine life.

LPC S.A. 124 Megaridos Ave., Aspropyrgos
19300, Greece (+30) 210 80 93 900

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PHYSICAL-CHEMICAL CHARACTERISTICS

MAX X-300	METHOD	SAE 5W-40	SAE 10W-40
Density at 15°C, g/cm^3	ASTM D4052	0.855	0.858
Dynamic viscosity, °C/cP	ASTM D5293	-30°C/5,800	-25°C/6,200
Viscosity, Kinematic (cSt) 100°C	ASTM D445	14.0	14.4
Viscosity, Kinematic (cSt) 40°C	ASTM D445	84.0	94.0
Viscosity index	ASTM D2270	172	158
TBN, mgKOH/g	ASTM D2896	10.2	10.2
Flash point, COC, °C	ASTM D92	234	236
Pour point, °C	ASTM D97	-36	-36

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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