

SYNOX HYBRID 0W-16

SYNOX HYBRID 0W-16 is a modern HC-synthetic high-performance low-friction engine oil developed for current passenger car gasoline engines. It is formulated using high-quality base oils produced with advanced HC-synthesis technology combined with a powerful additive system specifically designed to meet the requirements of modern engine generations.

The product offers excellent low-temperature fluidity, ensuring rapid oil circulation to all critical lubrication points immediately after engine start. At the same time, a stable lubricating film provides reliable protection even under high thermal and mechanical loads.

The advanced additive technology effectively reduces wear, prevents deposits and sludge formation, and supports long-term engine cleanliness. Due to optimized friction characteristics, **SYNOX HYBRID 0W-16** also contributes to improved fuel economy and may help reduce exhaust emissions.

APPLICATIONS

SYNOX HYBRID 0W-16 has been specifically developed for modern gasoline engines where vehicle manufacturers require engine oils with viscosity grade SAE 0W-16.

It is particularly suitable for high-performance gasoline engines equipped with modern technologies such as multi-valve systems, turbocharging and direct fuel injection. The product can be used in passenger cars as well as light commercial vehicles, provided that the manufacturer's specifications are observed.

SYNOX HYBRID 0W-16 has been developed exclusively for gasoline engines and is not suitable for use in diesel engines.

PROPERTIES AND BENEFITS

- Excellent cold start performance and rapid oil circulation
- High wear protection even under demanding operating conditions
- Very good thermal and oxidative stability
- Reduced formation of deposits and sludge
- Supports long-term engine cleanliness
- Improved fuel efficiency due to reduced internal friction
- Contributes to reduced exhaust emissions

SPECIFICATIONS

API SP, ILSAC GF-6B

APPLICATION RECOMMENDATION

- Ford, where specified
- Honda, where specified

TYPICAL CHARACTERISTICS

Property	Test Method	Unit	Value
Density at 15°C	DIN 51757	kg/m ³	846
Viscosity at 40°C	DIN 51562-1	mm ² /s	35,8
Viscosity at 100°C	DIN 51562-1	mm ² /s	7,0
Dynamic Viscosity (CCS)	ASTM D5293	mPa·s	5070
Viscosity Index	DIN ISO 2909	–	161
Total Base Number (TBN)	DIN ISO 3771	mgKOH/g	7,4
Pour Point	DIN ISO 3016	°C	-45
Flash Point (COC)	DIN ISO 2592	°C	226

STORAGE AND SHELF LIFE

The product has a shelf life of up to 3 years from the date of manufacture when stored properly. It should be stored in a dry place and protected from direct sunlight, moisture, and excessive heat.

NOTICE

The values shown represent typical product characteristics and may vary within normal production tolerances.

Always follow the vehicle manufacturer's operating and service recommendations. The information contained in this technical data sheet is based on our current knowledge and experience. However, it does not constitute a legally binding guarantee of specific product properties, as the conditions of application are beyond our control.

We reserve the right to make changes that serve technical improvement or product development.