

# Aykos HC-SYNTH Petrol 0W-20



HC-synthetic fuel- efficient low-friction engine oil

## Product description and properties

**Aykos HC-SYNTH Petrol 0W-20** was specially developed for the latest generation of modern downsizing engines. The innovative composition of high-quality base oils and additives effectively reduces the risk of premature self-ignition of the petrol-air mixture (Low Speed Pre-Ignition, LSPI), which can occur before the ignition spark. This phenomenon can cause engine knocking and cause serious damage to the engine. Contamination in the engine and inferior fuel quality play a major role here. To address this challenge, this advanced formulation has been developed and is recommended by Opel and General Motors for certain vehicle models.

**Aykos HC-SYNTH Petrol 0W-20** provides:

- Effectively reduces the risk of Low Speed Pre-Ignition (LSPI).
- Optimised for engines that are sensitive to poor fuel quality.
- Reduces the risk of engine knocking and protects against serious engine damage.
- Specially developed for modern downsizing engines.

## Application

**Aykos HC-SYNTH Petrol 0W-20** is the right engine oil and fulfils the new and stricter General Motors specification **Dexos 1 Generation 3**.

This product was developed for petrol engines and is **not suitable** for diesel engines.

## Specifications / Recommendations

API SP	Daihatsu
ILSAC GF-6A	Honda
GM dexos1 Gen 3	Hyundai
Ford WSS-M2C947-A	Kia
Ford WSS-M2C947-B1	Isuzu
Ford WSS-M2C962-A	Lexus
Chrysler MS-6395	Mazda
Subaru	Nissan
Toyota	Suzuki

## Reference values

Aykos HC-SYNTH 0W-20	unit	value	Method
Density at 15°C	kg/m <sup>3</sup>	847	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	43,2	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	8,3	DIN 51 562
Viscosity Index		172	DIN ISO 2909
Dynam. viscosity at -35°C	mPa.s	5810	ASTM D5293
Pourpoint	°C	-45	DIN ISO 3016
Flashpoint	°C	234	DIN ISO 2592
TBN	mg KOH/g	8	DIN ISO 3771

**Article no:** 119400-XXX

We reserve the right to make changes to the technical data.  
Please observe the regulations of the machine manufacturer.  
For further information, please refer to the safety data sheet.

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