

Product Information

AVENO HC Synth. 5W-40 LS UN

0002-000034



Description

AVENO HC Synth. 5W-40 LS UN is a synthetic Mid SAPS low-friction engine oil for passenger car petrol and diesel engines with and without turbocharging and direct injection. Special additives prevent premature fuel ignition (LSPI - Low Speed Pre-Ignition) and thus protect the engine from damage. AVENO HC Synth. 5W-40 LS UN is characterized by excellent cold start properties, minimization of fuel consumption, friction and wear. Due to the formulation with special base oils, AVENO HC Synth. 5W-40 LS UN achieves a high viscosity index. The excellent cold start behavior ensures optimal lubrication during the cold running phase. By significantly saving fuel and reducing emissions, AVENO HC Synth. 5W-40 LS UN helps protect the environment. Extended oil change intervals in accordance with the manufacturer's specifications.

Instructions for use

AVENO HC Synth. 5W-40 LS UN is a universal, synthetic low-friction engine oil that was specially developed for pump-nozzle diesel engines. AVENO HC Synth. 5W-40 LS UN is particularly suitable for energy-saving year-round use in modern petrol and diesel engines in cars and vans with and without turbochargers. AVENO HC Synth. 5W-40 LS UN is suitable for extended oil change intervals and extends the service life of the particulate filter. The AVENO HC Synth. 5W-40 LS UN is also suitable for use in modern hybrid vehicles with petrol or diesel engines. It meets the special requirements of hybrid drive systems, including frequent start-stop cycles and low operating temperatures. The operating instructions of the vehicle and engine manufacturers must be observed.

Quality classification

Specification

- ACEA C3
- API SP/CF

Approval

- API SP
- Renault RN0700/RN0710
- MB-Freigabe 229.31
- MB-Freigabe 229.51

Recommendation

- BMW Longlife-04
- Chrysler MS-11106
- dexos2™
- Fiat 9.55535-S2/-GH2
- Ford WSS-M2C917-A
- MB 226.5
- Opel OV0401547-D40
- Opel OV0401547-G40
- Porsche C40
- VW 502 00
- VW 505 00/505 01

Properties

- Fuel savings under all operating conditions
- A secure lubricant film at high operating temperatures
- Neutrality towards sealants
- Low evaporation, thus low oil consumption
- Extended oil change intervals protect natural resources
- Excellent cold starting properties, even at low temperatures below -30°
- The function of the hydraulic valve lifter is guaranteed at all temperatures
- Extensive protection against wear, corrosion and foaming
- Mid SAPS = reduced sulphated ash, phosphorous and sulphur

Technical specifications

Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	76.9	mm ² /s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	13.0	mm ² /s	DIN 51659-2:2017-02
Viscosity Index	172		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
CCS Viscosity at -30°C	5740	mPa*s	ASTM D 5293:2020
Density at 15°C	850	kg/m ³	DIN EN ISO 12185:1997-11
Pour Point	-36	°C	ASTM D 7346:2015
Total Base Number (TBN)	8.8	mgKOH/g	ASTM D 2896:2015