## **Product Information**

## AVENO HC Synth. 5W-40 LS UN

0002-000034



## Description

AVENO HC Synth. 5W-40 LS UN is a synthetic Mid SAPS smooth-running engine oil for petrol and diesel car engines with or without turbocharging and direct injection. AVENO HC Synth. 5W-40 LS UN is characterized by its excellent cold starting properties, minimization of fuel consumption, friction and wear. Thanks to its formulation with special base oils, AVENO HC Synth. 5W-40 LS UN achieves a high viscosity index. The excellent cold starting performance ensures optimum lubrication reliability in the cold-running phase. Thanks to significant fuel savings and the reduction of emissions, AVENO HC Synth. 5W-40 LS UN contributes to the protection of the environment. Extended oil change intervals as per manufacturer's instructions.

## Instructions for use

AVENO HC Synth. 5W-40 LS UN is a universal, synthetic smooth-running engine oil, which has been developed especially for pump-nozzle diesel engines. AVENO HC Synth. 5W-40 LS UN is suitable for petrol and diesel engines in cars and transporters with and without turbochargers.

Quality classification			
Specification			
• API SN/CF		• ACEA C3	
Approval			
• API SN		• Renault RN0700/RN0710	
MB-Approval 229.31		• VW 505 00/505 01	
MB-Approval 229.51			
Recommendation			
• BMW Longlife-04		• Ford WSS-M2C917-A	
• Chrysler MS-11106		• MB 226.5	
• dexos2™		Porsche C40	
• Fiat 9.55535-S2/-GH2		• VW 502 00	
Properties			
<ul> <li>Fuel savings under all operating conditions</li> </ul>		<ul> <li>Excellent cold starting properties, even at low temperatures below -30°</li> </ul>	
<ul> <li>A secure lubricant film at high operating temperatures</li> </ul>		• The function of the hydraulic valve lifter is guaranteed at all temperatures	
<ul> <li>Neutrality towards sealants</li> </ul>		<ul> <li>Extensive protection against wear, corrosion and foaming</li> </ul>	
<ul> <li>Low evaporation, thus low oil consumption</li> </ul>		<ul> <li>Mid SAPS = reduced sulphated ash, phosphorous and sulphur</li> </ul>	
<ul> <li>Extended oil change intervals p</li> </ul>	rotect natural resources		
Technical specifications			
Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	87,7	mm²/s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	14,5	mm²/s	DIN 51659-2:2017-02
Viscosity Index	172		DIN ISO 2909:2004-08
Appearance	YELLOW		VISUELL
Viscosity CCS at -30°C	5600	mpa*s	ASTM D 5293:2020
Density at 15°C	849	kg/m³	DIN EN ISO 12185:1997-11
Pour Point	-39	°C	ASTM D 7346:2015
Total Base Number (TBN)	8,0	mgkoh/g	ASTM D 2896:2015

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