

**ORLEN OIL MAX EXPERT 5W-40****Characteristic features:**

Latest generation, synthetic, multigrade engine oil in viscosity grade 5W-40 and quality ACEA: A3/B4, API: SP.

Ensures protection against the occurrence of low speed premature ignition - LSPI.

Developed in innovative Advanced Protect Formula technology. It maximises the performance and power of the drive unit while maintaining superior engine protection.

It guarantees:

- perfect lubrication over the entire service life,
- fast cold weather start,
- excellent thermal and oxidative stability,
- engine cleanliness by keeping soot in suspension,
- maintains its properties for the entire period between replacement time points,
- reduced emissions of harmful compounds into the environment.

Application:

ORLEN OIL Max Expert 5W-40 is intended for year-round operation in passenger car and light commercial vehicle engines. Suitable for petrol engines with direct injection and turbocharging as well as for diesel engines. It has been officially approved for the latest vehicles of: Volkswagen Group, Porsche, Mercedes-Benz Group AG, BMW Group.

Quality class:

ACEA: A3/B4

API: SP

Viscosity grade:

5W-40

Approvals:

MB-Approval 229.5

Porsche A40

VW Standard 502 00

VW Standard 505 00

BMW LL-01

**Meets the requirements:**

Mercedes-Benz 226.5

RN 0700/0710

PSA B712296

Physico-chemical parameters:

Parameters	Unit	Typical values
SAE viscosity grade	-	5W-40
kinematic viscosity at temp. 100°C	mm ² /s	13.54
CCS structural viscosity -30 in °C	mPa*s	6 190
viscosity index	-	167
flash point	°C	227
pour point	°C	-42
Total Base Number (TBN)	Mg KOH/g	12.5

Note: The above physical and chemical parameters represent typical values. The actual values shall be stated on the quality certificates accompanying each batch of product