

**ORLEN OIL MAX EXPERT V+ 5W-30****General features:**

The latest generation synthetic, multi-grade Mid SAPS engine oil. It was developed based on the new generation Advanced Protect Formula technology, ensuring excellent engine protection in all operating conditions. Provides engine protection against premature ignition at low engine speeds - LSPI. It allows maximum use of the efficiency and power of the drive unit while maintaining the highest engine protection. Optimum friction reduction, provides the highest protection against wear. Innovative technology guarantees the best control of deposits even in the most difficult driving conditions. The unique oil recipe allows for lower fuel consumption, especially when the engine is started and cooled down frequently. ORLEN OIL MAXEXPERT V+ 5W-30 guarantees improved performance in various aspects of operation for the engine, the user and the natural environment.

Application of ORLEN OIL MAX EXPERT V+ 5W-30 guarantees:

- Top-rated performance and engine protection in all operating conditions,
- Superior thermal and oxidation stability,
- Outstanding piston cleanliness for extended engine life,
- Quick start-up and protection at low temperatures,
- Perfect operation of equipment and highest protection of exhaust treatment systems,
- Extended drain intervals,
- High fuel efficiency under partial and full load,
- Reduced emissions of harmful compounds to the environment.

Application:

ORLEN OIL MAX EXPERT V+ 5W-30 is designed for year-round use primarily in the newest generation petrol engines featuring direct injection including turbocharging as well as in modern diesel engines. This oil is recommended for vehicles equipped with modern exhaust gas treatment systems (Diesel Particulate Filters: GPF / DPF, catalytic converters) to ensure their maximum efficiency and long failure-free operation. ORLEN OIL MAX EXPERT V+ 5W-30 oil meets and even exceeds the most recent quality requirements of leading car manufacturers. It is officially approved for application in the most modern generation engines of the STELLANTIS corporation, Volkswagen Group, Mercedes-Benz Group AG, BMW Group; it meets the Euro 6d emission standards.

Quality class:

API: SP
ACEA: C3

Viscosity grade:

SAE: 5W-30

Standards, approvals, specifications**Approvals:**

Opel / Vauxhall OV0401547
VW Standard 504.00 VW Standard 507.00
MB-Approval 229.52
BMW Longlife-04
Porsche C30

Physical and chemical properties

Parameter	Unit	Typical value
SAE viscosity grade	-	5W-30
kinematic viscosity in 100°C	mm ² /s	11,53
structural viscosity CCS -30°C	mPa*s	5510
viscosity index	-	179
flash point	°C	242
flow point	°C	-42
Total Base Number (TBN)	Mg KOH/g	8,6

Note: The above physical and chemical parameters represent typical values. The actual values are specified in the quality certificates attached to each product lot.

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