



### ORLEN OIL EXTRA SYNTHETIC 5W-40

**Quality class:** API : SL/SJ/CF  
ACEA: A3/B3, A3/B4  
**Viscosity grad:** SAE: 5W-40

#### GENERAL FEATURES:

Fully synthetic multiseasonal engine oil.

It provides:

- perfect engine protection in all conditions
- extended interchange period
- reduced oil consumption
- easy start up in winter
- perfect cleanness of the engine
- perfect corrosion protection

#### APPLICATION:

ORLEN OIL EXTRA SYNTHETIC 5W-40 is an universal oil intended for round the year usage in engines of cars and LCVs driven with both petrol and diesel oil.

ORLEN OIL EXTRA SYNTHETIC may be applied for vehicles with both spark ignition and self-ignition engines including vehicles equipped with a catalyst. The oil may also be used for engines, manufacturer of which recommends SH oils. It is featured by perfect lubricating properties which guarantee full protection of all engine parts.

#### STANDARDS, APPROVALS. SPECIFICATION:

It meets provision of the following:  
Mercedes-Benz 229.1



## Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
SAE viscosity grade		5W-40
kinematic viscosity at 100°C	mm <sup>2</sup> /s	14.3
HTHS viscosity at 150°C	MPa·s	3.63
viscosity index		175
flow temperature	°C	-39
ignition temperature	°C	230
base value TBN	mg KOH/g	10.0
sulphate ash	%	1.1

**NOTE:**  
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

