



## ORLEN OIL ULTOR FUEL ECONOMY 5W-30

### Characteristics:

ORLEN OIL ULTOR FUEL ECONOMY 5W-30 is a modern, synthetic and fuel-efficient diesel engine oil. It has been designed to provide increased oil protection against oxidation and loss of viscosity due to shear and aeration. The product is dedicated to modern diesel engines equipped with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) - or Exhaust Gas Recirculation (EGR) systems.

ORLEN OIL ULTOR FUEL ECONOMY 5W-30 guarantees:

- effective lubrication even under the harshest operating conditions,
- reduced fuel consumption,
- extended periods between replacements,
- easy engine start-up at sub-zero temperatures

### Application:

ORLEN OIL ULTOR FUEL ECONOMY 5W-30 is recommended for heavy duty diesel engines in trucks, buses and construction equipment. The technology was developed for the latest generation of drive units, for which the manufacturer recommends API quality oils: FA-4 and low HTHS (High Temperature High Shear).

ORLEN OIL ULTOR FUEL ECONOMY 5W-30 is characterized by reliability during operation in urban, country and motorway traffic. The product is dedicated to engines meeting Euro VI emission standards.

NOTE: oils meeting API classifications: FA-4:

- are neither interchangeable nor compatible with API oils: CK-4, CJ-4, CI-4, CI-4 PLUS and CH-4
- are not recommended for use with fuels containing more than 15 ppm sulphur. For fuels with a sulphur content of more than 15 ppm, refer to the engine manufacturer's recommendations.

### Quality class

API: FA-4/SN

ACEA: F01

### Viscosity grad:

SAE 5W-30

### Standards, approvals, specifications:

DTFR 15C130 (228.61)

Volvo VDS-5

MACK EO-S-5

RENAULT Trucks RLD-5

Meets requirements:

JASO DH-1

CUMMINS CES 20087

DETROIT DIESEL DDC 93K223

Caterpillar ECF-3



**Physico-chemical parameters:**

Parameters	Unit measure of	Typical values
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	12.0
Viscosity index	-	158
Total base number	mg KOH/g	9.7
Sulphated ash	%	0.97
Pour point	°C	-45
HTHS	mPa.s	3.0

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