



## ORLEN OIL ULTOR EFFECTIVE 5W-20

### General features

ORLEN OIL ULTOR EFFECTIVE 5W-20 is the highest quality low ash diesel engine oil. The product was developed in combination with synthetic base oil and a technologically advanced system of additives designed to extend the life of engines and facilitate daily operation. Recommended for engines with the latest MAN M3977 and SCANIA LDF-5 approvals and meeting the low emission Euro VI standard. Technology developed for the latest generation of power units.

### Application

ORLEN OIL ULTOR EFFECTIVE 5W-20 is recommended for modern diesel engines in trucks, buses and construction equipment equipped with exhaust emission reduction systems, including DPF. ORLEN OIL ULTOR EFFECTIVE 5W-20 contributes to lower fuel consumption and guarantees effective lubrication even in the harshest operating conditions. It extends the oil drain interval and facilitates engine starting in sub-zero temperatures.

The oil is not backward-compatible and therefore cannot be used in engines requiring an older or different specification product.

### Standards, approvals

MAN M 3977

SCANIA LDF-5

### Physical and chemical properties:

Parameters	Unit	Typical values
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	8,0
Viscosity index	-	146
Ignition temperature	°C)	229
Base value TBN	mgKOH/g	11,5
Sulphate ash	%(m/m)	0,86
HTHS	mPa	2,7
Flow temperature	°C	-45

**Note:** Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each production batch.

Wersja 1 / 2024-03-13