



## Wolver Turbo Evolution 10W-40

### VERPACKUNG

208 L | 60 L | 20 L | 5 L | 1 L

**WOLVER Turbo Evolution 10W-40** is a highly effective semi-synthetic engine oil of a new level of modern vehicles and stationary engines, which is a product of the evolution of API CI-4 oil (2002 publication) to higher requirements of ACEA E7 (2016 revision).

**WOLVER Turbo Evolution 10W-40** is produced with the use of an advanced and balanced additive package - Stable Protect, which allows to ensure optimum productivity, thermal, viscosity and antioxidant stability during a long period of exploitation.

**WOLVER Turbo Evolution 10W-40** is especially effective in engines of commercial vehicles, medium-loaded engines of main trucks, agricultural and quarry equipment. Complies with the current environmental standards EURO 5/4/3 and can be used in engines with EGR and / or SCR exhaust gas cleaning technologies without a particulate filter.

### SPECIFICATIONS

SAE 10W-40  
API CI-4/SL  
ACEA A3/B4, E7

### APPROVALS

MB-Approval 228.3,  
Volvo VDS-3  
Mack EO-M Plus / EO-N RENAULT VI, RLD-2

### MEETS THE REQUIREMENTS OF

MB 229.1  
MAN M 3275  
Cummins CES  
20071/-72/-75/-76/-77/-78  
MTU 2  
IVECO  
Caterpillar ECF-1-a, ECF-2  
ALLISON C-4  
Voith Retarder Typ A

### Characteristics

- Full Saps technology
- Low evaporation and high stability
- Excellent viscosity-temperature behaviour
- Reduces formation of ageing products at high temperatures
- Optimal protection against corrosion, oxidation, wear and foaming
- Extremely high pressure susceptibility
- Highest wear protection

## **Effects**

- Meets the requirements of ecological standards EURO 3/4/5
- All-year-round operation
- Easy start in cold season;
- Provides lower fuel consumption.
- Excellent viscosity characteristics even during extended drain intervals
- Prevents black sludge formation
- Protection against reflector surface formation
- Minimum wear at highly strained engines
- Versatility, which reduces the number of varieties of consumed oil for mixed fleets

## **Utilization**

- **commercial vehicle diesel engines**
- with turbo charging
- with catalyst technology
- with EGR technology
- with SCR technology
- **passenger car diesel engines**
- with turbo charging
- with catalyst technology
- **four-stroke petrol engine**
- with turbo charging
- with multivalve technology
- with catalyst technology

## **Disposal**

**Wolver Turbo Evolution SAE 10W-40** is assigned to category 2 of used oils and thus is free for disposal.

## **Miscibility**

**Wolver Turbo Evolution SAE 10W-40** is fully compatible to comparable lubrications and can be mixed without any doubts. However, it is recommended to take **Wolver Turbo Evolution SAE 10W-40** when refilling.

## **Data Table**

PROPERTIES	UNIT	TYPICAL INDICATORS
Kinematic viscosity at 100 °C	mm <sup>2</sup> /s	14.9
Viscosity index	-	165
Pour point	°C	-34
Viscosity CCS at -25°C	mPa·s	6400
TBN	mgKOH/g	10.5
Flash point	°C	228
Density at 15.6 °C	kg/m <sup>3</sup>	863

20L - Pail	4398	426036094398
60L - Barrel	4400	426036094400
208L - Barrel	4399	426036094399