



## Wolver Turbo Super 10W-40

### VERPACKUNG

208 L | 60 L | 20 L | 5 L | 4 L | 1 L

**WOLVER Turbo Super SAE 10W-40** is a very highly classified HC-Synthetic SHPD engine oil that meets the required European and American emission regulations for heavy diesel engines.

**WOLVER Turbo Super SAE 10W-40** is ideal for Euro 2, Euro 3, Euro 4 and Euro 5 generation of engines with EGR and/or SCR technology without particulate filters used.

**WOLVER Turbo Super SAE 10W-40** is a universally usable light-run all-year motor oil for all suction and charged petrol and diesel motors. Useable for all, also under very extreme operation conditions. Meets the requirements for longest oil changing intervals (please observe manufacturer's instructions).

**WOLVER Turbo Super SAE 10W-40** is the best suitable motor oil for the mixed fleet.

### 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***

- Exceptional high detergent effect which almost prevents residues in the combustion section
- Formation of cold sludge and residues in the engine and the oil pan are nearly prevented
- Optimal protection against corrosion, oxidation, wear and foaming
- Extremely high pressure susceptibility
- Low volatilization tendency
- Excellent cleaning effect

- Excellent ageing stability
- Excellent viscosity-temperature behaviour

### ***Effects***

- Highest operating reliability
- Very well suitable for difficult operating conditions
- Suitable for longest oil changing intervals
- Prevents black sludge formation
- Protection against reflector surface formation
- Very good cold starting characteristics - rapid supply of old lubrication points
- Fuel efficiency by lightrun properties
- Minimum wear at highly strained engines
- High stable viscosity index
- Improved economy viability by extended inspections-intervals
- All-year operation
- Reducing of sorts

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

### ***Miscibility***

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

### ***Data table***

PROPERTIES	UNIT	TYPICAL INDICATORS
Specific weight at 15°C	kg/m <sup>3</sup>	869
Viscosity at -30°C	cP	6230
Viscosity at 40°C	cSt	92,3
Viscosity at 100°C	cSt	14,1
Viscosity index		158
Flash point COC	°C	227
Pour point	°C	-39
TBN	mgKOH/g	10,4

1L - Can      4117      4260360941177  
 4L - Can      4119      4260360941191

5L - Can	4091	4260360940910
20L - Pail	4063	4260360940637
208L - Barrel	4033	4260360940330