

## OWS HD 50

Monograde engine oil of viscosity grade SAE 50 based on selected base oils.

### Description

OWS HD 50 is a monograde engine oil of SAE grade 50 produced using selected base oils. Ideally suitable for Otto and diesel engines, with or without turbocharging.

### Applications

OWS HD 50 is used in Otto and diesel engines, with or without turbocharging, according to the manufacturer's specification. It is not suitable for use in modern TDI or Common Rail diesel vehicles.

### Benefits

- Ideally suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers
- Stable lubricating film, even with hot oil and under high loads
- High level of oxidation protection by means of selected base oils
- Proper functioning of hydraulic tappets (hydraulic valve clearance compensation)
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of OWS HD 50, a complete oil change is recommended.

### Specifications

API SF/CD  
CCMC D2/G2  
MIL-L-2104D

Properties	Unit	Method	Typical Value
Density @15°C	g/ml	ASTM D-7042	0,896
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D-7042	207,2
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D-7042	18,4
Viscosity Index		ASTM D-7042	99
Flash Point	°C	ASTM D-92 / DIN EN ISO 2592	266
Pour Point	°C	ASTM D-97 / DIN EN ISO 3016	-19
Total Base Number	mgKOH/g	DIN 51639-1	8,3

The figures above are not a specification. They are typical figures obtained within production tolerances.