

OWS Synthomax Ultimate SAE 0W-40

Fully synthetic, high-performance engine oil with optimised temperature-viscosity behaviour. Developed specifically for modern and sporty passenger cars equipped with Otto or diesel engines, with or without turbocharging.

Description

OWS Synthomax Ultimate SAE 0W-40 is a high-performance engine oil with an optimal viscosity grade produced using fully synthetic poly-alpha-olefins (PAO). Its high level of performance is achieved through the interaction of these fully synthetic base oils with their naturally high viscosity index (VI) and the advanced additives.

Applications

OWS Synthomax Ultimate SAE 0W-40 exhibits an excellent cold-start behaviour and fast lubrication at the lowest temperatures. At the same time, it provides a stable lubricating film for safe wear protection, even with hot oil and under excessive loads. OWS Synthomax Ultimate SAE 0W-40 is especially recommended for a sporty driving style and when the vehicle is driven at full power, as well as under severe weather conditions.

Benefits

- Fuel economy due to low-viscosity characteristics
- Safe cold start and quick lubrication of the engine, even at low temperatures
- Safer year-round operation due to outstanding viscosity-temperature behaviour and high shear stability
- Stable lubricating film, even with hot oil and under excessive loads, and the best wear protection
- The fully synthetic PAO base oils and the most advanced additives provide the highest oxidation stability
- Eminently suitable for turbocharged engines
- Prevention of adhesion, lacquering and coking of cylinders, pistons, valves and turbochargers in a reliable manner
- First-class economy grade for multi-functional use in diesel and Otto engines from different manufacturers
- Reliable protection against 'black sludge'
- Low oil consumption due to a very low evaporation loss
- Miscible and compatible with conventional and synthetic engine oils. However, in order to exploit the full product benefits of OWS Synthomax Ultimate SAE 0W-40, a complete oil change is recommended.

Properties	Unit	Method	Value
Density @15°C	g/ml	ASTM D-7042	0,854
Kin. Viscosity @40°C	mm ² /s	ASTM D-7042	81,7
Kin. Viscosity @100°C	mm ² /s	ASTM D-7042	14,2
Viscosity Index		ASTM D-7042	180
Flash Point COC	°C	ASTM D-92 / DIN EN ISO 2592	242
Pour Point	°C	ASTM D-97 / DIN EN ISO 3016	-44
CCS	cP @ °C	ASTM D-5293	5100 @ -35
Total Base Number	mgKOH/g	DIN 51639-1	10,5

Specifications

ACEA A3/B4
API SN/CF
BMW Longlife-01
MB 229.5
Porsche A40
PSA B71 2296
VW 502 00/505 00

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