



Description

Synthetic technology engine oil specially designed for use in direct-injection diesel engines equipped with unit injector systems (Pumpe-Düse). This oil meets the fuel economy requirements established by ACEA, the most prestigious European engine oil classification body. Combined with its reduced consumption and the resulting lower emissions, it contributes more effectively to environmental protection than conventional lubricants.

Specifically formulated to meet the extended oil drain interval ("Long Life") requirements established by the VW/Audi/SEAT/Skoda Group, and mandatory for engines requiring the VW 506.01 specification.

Properties

- Its advanced formulation provides outstanding anti-wear properties in general, and specifically ensures proper protection of the fuel injection system components in these engines.
- This oil helps reduce fuel consumption thanks to its carefully optimized viscosity, both at high and low temperatures.
- Low lubricant consumption due to its premium-quality synthetic composition.
- Long-life product capable of significantly extending oil drain intervals.
- Excellent low-temperature viscosity performance, ensuring easy oil circulation during start-up, reducing the time required for film formation and therefore • minimizing wear.
- High detergent-dispersant performance, ensuring complete cleanliness of engine components.
- This lubricant optimizes the cost-effectiveness ratio between required performance and service life.

Quality levels, approvals and recommendations

• VW 503 00/506 00/506 01*

*Formal approval

Technical specifications

	UNIT	METHOD	VALUE
SAE Grade			0W-30
Density at 15 °C	g/cm3	ASTM D4052	0,856
Kinematic viscosity at 40 °C	cSt	ASTM D445	53,0
Kinematic viscosity at 100 °C	cSt	ASTM D445	9,6
CCS Viscosity at -35 °C	cP	ASTM D5293	< 6.200
HTHS, viscosity at 150 °C	cP	ASTM D5481	2,9 - 3,4
Viscosity index	-	ASTM D2270	150
Flash point, open cup	°C	ASTM D92	> 200
Pour point	°C	ASTM D97	-39
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	< 12

The above mentioned characteristics are typical values and should not be considered product specifications.