



## SAE 20W50 API SM

Technical Data Sheet



### PACKAGING:

1L, 4L, 5L, 7L, 20L, 25L, 60L, 208L

### DESCRIPTION:

The SM series is formulated using premium quality base oils and advanced additive technology to deliver outstanding protection and high-performance results. It outperforms conventional motor oils by actively preventing sludge and dirt build-up, while also reducing engine noise for a smoother drive. This versatile product meets the specifications of most leading car manufacturers and is suitable for both gasoline and diesel engines—naturally aspirated or turbocharged. Engineered for year-round performance, it is ideal for vehicles equipped with catalytic converters and designed to run on unleaded fuels.

### BENEFITS:

- Excellent engine protection. Helps fuel efficiency.
- Suitable for extended drain intervals.
- Reduces chlorine content to meet the environmental requirements.
- Better cold starting.
- Reduced engine maintenance costs

### SPECIFICATIONS:

Volkio German 15W40 CI-4 Diesel Engine oil meets and exceeds the requirements of International Standards:

- API: SM, SL, SJ, CF
- ACEA: A3/B3
- MB Approval: 229.1
- Volkswagen: VW 505 00

### TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Appearance	VISUAL	Bright & Clear
Color	ASTM D 1500	Neutral
Kin. Viscosity @100°C	ASTM D 445	20.4 Cst
Kin. Viscosity @40°C	ASTM D 445	175
Viscosity Index	ASTM D 2270	136
Density @ 60/60F	ASTM D 1298	0.890
Pour Point	ASTM D 97	≤-30°C
Flash Point	ASTM D 92	≥236°C
Water Content	ASTM D 6034	-ue
Antifoam	ASTM D 892	Pass

### APPLICATION:

- Automotive gasoline and diesel engines
- Passenger cars, SUVs, light trucks, and vans
- Moderate-duty LPG vehicles
- Naturally aspirated or turbocharged engines