

## VÖLEX Mineral Gasoline Engine Oil SAE 10W40 SL/CF

### Product Description

**VÖLEX 10W-40 SL/CF** Mineral Engine Oil is a high-quality lubricant engineered for modern and older gasoline and diesel engines. It provides outstanding wear protection, high engine cleanliness, and excellent lubrication under all operating conditions. Designed for vehicles with or without turbochargers and catalytic converters, it ensures superior thermal stability and consistent performance for extended engine life.

### Performance Benefits

- **Superior Wear Protection:** Prevents damage to engine components under high stress.
- **Clean Engine Technology:** Minimizes sludge and deposit build-up, ensuring efficient performance.
- **Thermal Stability:** Resists viscosity breakdown at high temperatures.
- **Cold-Start Performance:** Delivers immediate lubrication in low-temperature conditions.
- **Fuel Economy:** Reduces internal friction, enhancing engine efficiency.
- **Shear Stability:** Maintains consistent performance under heavy loads.

### Storage and Handling

- Store in a cool, dry location to prevent contamination.
- Avoid exposure to temperatures above 60°C or below freezing.
- Ensure containers are tightly sealed to maintain product quality.

### Typical Properties

Property	Test Method	Value
Viscosity Grade	SAE J300	10W-40
Density @ 15°C	DIN 51757	0.8645 g/cm <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042-04	87.78 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042-04	12.98mm <sup>2</sup> /s
Apparent Viscosity by CCS @ -25°C	ASTM D5293	6280 mPas
Viscosity Index	DIN ISO 2909	147
High Temp High Shear (HTHS)	ASTM D5481	3.8 mPas
Pour Point	DIN ISO 3016	-33°C
Flash Point	DIN ISO 2592	230°C
Evaporation Loss (Noack)	ASTM 5800B	11.0%
Total Base Number (TBN)	DIN ISO 3771	7.50 mg KOH/g

### Application

- Gasoline and diesel engines, including turbocharged systems.
- Vehicles operating in extreme urban traffic, highway conditions, and high temperatures.
- Suitable for high-mileage vehicles over 100,000 km.

### Meets and Exceeds

#### Meets:

- API SL/CF, ACEA A3/B4, JASO MA2

#### Approvals:

- MB 226.5 (v2016.1), MB 229.3 (v2016.1 & v2019.1), PSA B71 2300, RN 0710/0700, VW 501.00/505.00, Fiat 9.55535-D2/9.55535-G2

### Health & Safety, Environment

- Avoid prolonged or repeated skin contact with oil; wash thoroughly with soap and water after handling.
- Do not dispose of used oil into soil or water sources; deliver to authorized collection centers.
- Refer to the Safety Data Sheet (SDS) for comprehensive guidelines on safe handling and disposal.

