

VÖLEX Mineral Gasoline Engine Oil SAE 20W50 SL/CF

Product Description

VÖLEX 20W-50 SL/CF is a high-performance mineral oil designed to provide superior engine protection and cleanliness. Its advanced additive technology ensures extended oil life and optimal engine performance, even in extreme operating conditions.

Performance Benefits

- **Robust Wear Protection:** Reduces internal friction, extending engine life.
- **Exceptional Engine Cleanliness:** Prevents sludge and deposit formation for long-term reliability.
- **Thermal Stability:** Maintains performance under high operating temperatures.
- **Cold-Start Performance:** Quick lubrication ensures minimal engine wear at start-up.
- **High Viscosity Index:** Stable performance across varied temperature ranges.
- **Anti-Corrosion Properties:** Protects engine components from rust and degradation.
- **Catalytic Converter Compatibility:** Fully compatible with modern emission control systems.

Storage and Handling

- Store under cover to avoid contamination.
- Protect from direct sunlight, extreme temperatures, and moisture.
- Maintain storage temperature between -10°C and 60°C.

Typical Properties

Property	Test Method	Value
Viscosity Grade	SAE J300	20W-50
Density @ 15°C	ASTM D 1500	0.8876B g/cm ³
Kinematic Viscosity @ 40°C	ASTM D7042-04	163.9 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042-04	18.15 mm ² /s
Apparent Viscosity by CCS @ -15°C	ASTM D5293	8750 mPas
Viscosity Index	DIN ISO 2909	123
High Temp High Shear (HTHS)	ASTM D5481	4.5 mPas
Pour Point	DIN ISO 3016	-24 °C
Flash Point	DIN ISO 2592	235°C
Evaporation Loss (Noack)	ASTM 5800B	8.50 %
Total Base Number (TBN)	DIN ISO 3771	7.50 mg KOH/g

Application

- Gasoline and diesel engines, with or without turbochargers.
- Suitable for vehicles operating with unleaded fuel, diesel, or LPG.
- Recommended for city, highway, and heavy-duty conditions across all seasons.
- Perfect for engines with high mileage or under high-stress conditions.

Meets and Exceeds

Meets:

- API: SL/CF
- ACEA: A3/B3

Approvals:

- VW 501.01 / 505.00
- MB 229.1 (v2012.2)
- RN 0710/0700

Health & Safety, Environment

- Avoid prolonged or repeated contact with used oil; wash thoroughly with soap and water.
- Dispose of used oil responsibly at authorized collection points.
- Do not discharge into soil, watercourses, or drains.
- Refer to the product's Material Safety Data Sheet (MSDS) for detailed information.

