



**Product Name:** KLÄRON SAE 10W-30 API SL/CF

**Viscosity Grade:** SAE 10W-30

**Quality Level:** Mineral

**API Service:** SL/CF

**Recommended for:** Modern and older engines, including turbocharged systems, as well as any engine requiring this specification.

**Application:** Recommended for old gasoline and diesel engines.

**Drain Interval:** Up to 5,000 Km

## Product Overview

**KLÄRON SAE 10W-30 API SL/CF** is a high-quality mineral oil designed to meet the demanding needs of gasoline and diesel engines. It offers exceptional wear protection, reduced sludge build-up, and superior thermal stability. Its advanced additive formulation ensures engine cleanliness and consistent performance under both normal and severe driving conditions.

## Application

- Gasoline and diesel engines, including turbocharged systems.
- Passenger cars, light trucks, and vans.
- Standard driving conditions and severe urban stop-and-go traffic.
- Recommended for oil drain intervals of up to **5,000 km**.

## Performance Benefits

- **Engine Protection:** Excellent anti-wear additives enhance engine life.
- **High Cleanliness:** Reduces sludge and deposit build-up for smooth engine operation.
- **Thermal Stability:** Maintains viscosity and performance at high temperatures.
- **Cold Start Reliability:** Provides immediate lubrication under low-temperature conditions.
- **Compatibility:** Ideal for vehicles with turbocharged engines and catalytic converters.
- **Cost Efficiency:** A dependable and economical choice for frequent oil changes.

## Performance Levels / Approvals:

- **Meets:** API SL/CF, ACEA A3/B3
- **Approvals:** MB 229.1

## Typical Properties

Property	Method	Typical Value
Viscosity Grade	SAE J300	10W-30
Density @ 15°C	DIN 51757	0.8638 g/cm <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042-04	69.67 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042-04	10.78 mm <sup>2</sup> /s
Apparent Viscosity by CCS @ -25°C	ASTM D5293	6220 mPas





Viscosity Index	DIN ISO 2909	144
Pour Point	DIN ISO 3016	-33°C
Flash Point	DIN ISO 2592	222°C
Total Base Number (TBN)	DIN ISO 3771	7.2 mg KOH/g

## Health, Safety, and Environmental Information:

- Avoid prolonged contact with used oil. Wash skin thoroughly with soap and water after handling.
- Do not release used oil into drains or the environment. Dispose of responsibly at authorized collection points.
- Refer to the Safety Data Sheet (SDS) for detailed guidelines on safe handling and disposal.

## Storage and Handling:

- Store under cover to protect against moisture contamination.
- Avoid storage above 60°C or below freezing temperatures.
- Keep packaging tightly closed when not in use to prevent contamination.

