



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

Viscosity Grade: SAE 10W-30

Quality Level: Mineral

API Service: SF/CF

Recommended for: Older generation gasoline and diesel engines 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 SF/CF is a premium mineral motor oil designed to provide reliable protection and optimal lubrication for older gasoline and diesel engines. Its balanced formulation ensures minimal wear, excellent seal conditioning, and long-term stability, making it ideal for engines with catalytic converters and turbochargers. This oil is engineered for year-round performance and is miscible with other commercially available motor oils.

Application

- Designed for older generation gasoline and diesel engines with or without turbochargers.
- Tested safe for catalytic converters.
- Suitable for vehicles operating under standard and extended oil change intervals, as per manufacturer recommendations.

Performance Benefits

- **Enhanced Wear Protection:** Reduces engine wear, extending engine life.
- **Seal Conditioning:** Keeps valve, crank, and cam seals pliable to prevent oil leaks and reduce consumption.
- **Thermal Stability:** Maintains performance across a wide range of temperatures.
- **Engine Cleanliness:** Prevents deposit buildup, maintaining efficient engine operation.
- **Turbocharger Compatibility:** Offers reliable performance in turbocharged engines.
- **Aging Resistance:** Ensures long-lasting stability and effective lubrication over time.

Performance Standards

- Meets API: SF/CF specifications.
- Tested for compatibility with catalytic converters and turbocharged engines.

Typical Properties

Property	Method	Typical Value
Viscosity Grade	SAE J300	10W-30
Density @ 15°C	DIN 51757	0.8635 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D7042-04	69.93 mm ² /s





Kinematic Viscosity @ 100°C	ASTM D7042-04	10.81 mm ² /s
Apparent Viscosity by MRV @ -30°C	ASTM D4684	25,500mPas
Apparent Viscosity by CCS @ -25°C	ASTM D5293	6350mPas
Viscosity Index	DIN ISO 2909	144
HTHS @ 150°C	ASTM D5481	3.0mPas
Pour Point	DIN ISO 3016	-33°C
Flash Point	DIN ISO 2592	225°C
Evaporation Loss (Noack)	ASTM 5800B	11%
Total Base Number (TBN)	DIN ISO 3771	6.5 mg KOH/g
Sulfate Ash	DIN 51575	0.85%
Color (ASTM)	ASTM D 1500	L 2.5

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 in a cool, dry place away from direct sunlight and extreme temperatures.
- Drums should be kept horizontally to avoid water contamination.
- Recommended storage temperature: -10°C to 60°C

