



Product Name: SEGLÜR Marine Oil 4T SAE 10W-40 CI-4

API Service Category: CI-4

Quality: Synthetic Technology

Product Overview

SEGLÜR 4T SAE 10W-40 CI-4 is a **high-performance marine diesel engine oil** formulated with synthetic technology and advanced additive chemistry to deliver excellent engine cleanliness, wear protection, and long-term thermal stability. Designed specifically for **4-stroke marine diesel engines**, it provides outstanding performance in engines operating under heavy load and in high-humidity saltwater environments. Compatible with engines equipped with turbochargers and emission control systems.

Application

- Designed for **4-stroke marine diesel engines**, naturally aspirated or turbocharged
- Suitable for onboard propulsion engines and marine auxiliary power units
- Can be used in small commercial boats, fishing vessels, leisure craft, and harbor vessels

Performance Benefits

- **Outstanding Wear Protection** – Protects engine components under constant high load
- **Excellent Detergency** – Keeps pistons and internal parts clean from carbon and sludge
- **Corrosion Protection** – Formulated to resist rust and oxidation even in salt air/moisture
- **High Thermal Stability** – Resists oil breakdown at high engine temperatures
- **Reliable Cold Start Performance** – Maintains flow and protection in cold marine starts
- **Compatible with Emission Systems** – Low enough ash for safe operation with most after-treatment systems.

Recommended For:

- Inboard and outboard 4-stroke marine engines requiring API CI-4 performance
- Marine diesel engines from **Yanmar, Volvo Penta, Perkins, Cummins, Caterpillar, MAN**, and others
- High-load engines operated in **humid, corrosive, and saltwater environment**

Meets and approvals:

- **API CI-4 / SL**
- **ACEA E7** (where applicable)
- Meets manufacturer requirements for marine engines requiring CI-4 or earlier

Typical Properties

Property	Method	Typical Value
SAE Viscosity Grade	SAE J300	10W-40





Appearance	Visual	Bright, Clear Amber
Density @ 15 °C	ASTM D4052	0.865 g/cm ³
Kinematic Viscosity @ 40 °C	ASTM D445	94 mm ² /s
Kinematic Viscosity @ 100 °C	ASTM D445	14.5 mm ² /s
Viscosity Index	ASTM D2270	160
Pour Point	ASTM D97	-36 °C
Flash Point (COC)	ASTM D92	230 °C
Total Base Number (TBN)	ASTM D2896	10.5 mg KOH/g
Sulfated Ash	ASTM D874	1.2 % wt
HTHS Viscosity @ 150 °C	ASTM D5481	≥3.5 mPa·s
Evaporation Loss (Noack)	CEC-L-40-A-93	12.5 %

Storage & Handling

- Store in a clean, dry, and covered area
- Protect from water, dust, and extreme temperatures
- Keep containers tightly sealed when not in use.

Health, Safety, and Environment

- Always consult the **Safety Data Sheet (SDS)** before handling.
- Avoid prolonged skin contact with used oil.
- Do not dispose of used oil into drains, soil, or waterways. Return to authorized collection centers.

