

VIRO-TEC Semi Synthetic Diesel Engine Oil SAE 10W30 CH-4/SJ

Product Description

VIRO-TEC 10W-30 CH-4/SJ is a premium semi-synthetic, heavy-duty diesel engine oil formulated to deliver exceptional performance in diesel and gasoline engines. Designed for on- and off-highway applications, it ensures superior protection under the most demanding conditions, prolonging engine life and maximizing efficiency.

Application

- Suitable for high-speed, four-stroke turbocharged or naturally aspirated engines.
- Designed for mixed fleets of diesel and gasoline engines.
- Recommended for stop-and-go vehicles, such as buses and waste collection trucks.
- Ideal for off-highway equipment and machinery exposed to extreme conditions.

Performance Benefits

- **Superior Engine Protection:** Advanced anti-wear additives reduce valve train wear and scuffing.
- **Deposit Control:** Keeps soot in suspension to prevent filter plugging and sludge formation.
- **Oxidation Resistance:** Extends oil drain intervals and maintains optimal performance under high temperatures.
- **Cold-Start Performance:** Excellent low-temperature pump ability ensures reliable operation in cold climates.
- **Mixed Fleet Use:** Compatible with both diesel and gasoline engines in commercial and industrial applications.

Meets and Exceeds

- API CH-4/SJ
- ACEA E7
- MB 228.3
- MAN M 3275-1
- MTU Type 2
- Mack EO-M Plus
- Caterpillar ECF-1-a
- CES 20076/20077

Storage Instructions

- Store under cover to avoid water ingress and drum marking damage.
- Do not expose products to temperatures above 60°C or below freezing.

Typical Properties

Property	Method	Units	Value
Density @ 15°C	g/ml	ASTM D4052	0.8568
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	79.54
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	12.11
Viscosity Index	-	ASTM D2270	148
Pour Point	°C	ASTM D97	-36
Flash Point (COC)	°C	ASTM D92	230
Total Base Number (TBN)	mg KOH/g	ASTM D2896	10.11
Sulphated Ash Content	% wt	ASTM D874	1.02

