

VIRO-TEC Semi Synthetic Diesel Engine Oil SAE 10W40 CH-4/SJ

Product Description

VIRO-TEC 10W-40 CH-4 is a high-performance semi-synthetic heavy-duty diesel engine oil, engineered for superior protection and performance in challenging on-road and off-road conditions. Its advanced formulation ensures reliable engine operation in low temperatures while meeting the stringent requirements of API CH-4/SJ specifications.

Application

VIRO-TEC 10W-40 CH-4 is suitable for:

- Diesel and gasoline engines requiring API CH-4/SJ service categories.
- On-road and off-road vehicles operating in extreme temperatures.
- Engines using moderate to high sulfur content fuels.

Performance Benefits

- **Enhanced Engine Protection:** Minimizes deposits for longer engine life.
- **High Thermal Stability:** Reduces oxidation and ensures consistent performance.
- **Low-Temperature Performance:** Exceptional pump ability for cold starts.
- **Improved Wear Resistance:** Protects against valve train and abrasive wear.
- **Extended Drain Intervals:** High TBN ensures acid neutralization and prolonged engine efficiency.
- **Fuel Economy Potential:** Reduces friction for better fuel consumption.

Meets and Exceeds

- API CH-4/SJ
- ACEA E7
- MB 228.3
- MAN M 3275-1
- MTU Type 2
- CES 20076
- Deutz DQC II-18

Storage and Handling

- Store in a cool, dry place away from direct sunlight and temperatures exceeding 60°C.
- Drums should be laid horizontally to prevent water ingress and label damage.

Health, Safety and Environment

- **Safe Use:** This product poses no significant health risks when used as directed. Maintain proper hygiene and safety practices.
- **Environmental Protection:** Dispose of used oil at authorized collection points. Avoid discharge into drains, soil, or water bodies.

Typical Properties

Property	Test Method	Unit	Results
Kinematic Viscosity @ 100°C	ASTM D445	cSt	14.58
Kinematic Viscosity @ 40°C	ASTM D445	cSt	97.06
Viscosity Index	ASTM D2270	-	156
Flash Point (COC)	ASTM D92	°C	240
Pour Point	ASTM D97	°C	-39
TBN	ASTM D2896	mg KOH/g	10.12
Sulfated Ash Content	ASTM D874	%	1.05
Density @ 15°C	ASTM D4052	g/ml	0.8563

