

# Technical Data Sheet



## Ghost DCORE SAE 15W-40 CK-4/SN

Ghost Lubricants DCORE 15W-40 is an API CK-4 heavy-duty diesel engine oil specifically formulated for a wide variety of on- and off-highway applications, from light and heavy-duty trucks, to buses, to construction and agricultural equipment. Ghost Lubricants DCORE 15W-40 is engineered with the most advanced additives to resist thermal breakdown that causes metal-on-metal contact, deposit buildup, and seal leaks. And the longer your engine life, the lower your equipment costs. Plus, Ghost Lubricants DCORE 15W-40's API CK-4 classification meets today's toughest emissions standards, while also compatible with older engine models. All of this is why...there's nothing like Ghost DCORE 15W-40 anywhere on the road. Or off it.

Ghost Lubricants DCORE Diesel Engine Oils are made with highly refined synthetic base oil and the latest industry additives for American and European trucks such as Mack, Peterbilt, International, Kenworth, Freightliner, and Volvo.

Ghost DCORE Diesel Engine Oils are high-quality manufactured heavy duty engine oils and are made to provide excellent fuel economy. Ghost DCORE Diesel Engine Oils meet the latest requirement of the American Petroleum Institute—API: CK-4/SN. Ghost DCORE Diesel Engine Oils are backward compatible to include API CK-4/SN, CJ-4, CI-4 PLUS, CI-4 and CH-4 service categories. The Ghost DCORE 15W40 CK-4/SN product can also be used in gasoline engines and is rated API: SN.

### Product Benefits:

- Formulated to keep engines cleaner with enhanced deposit control technology.
- Engine components are well protected against wear due to the advanced Ghost Lubricants additive packages including diesel engine oil additive and VI additive.
- The low ash formula helps protect Exhaust Catalyst and Diesel Particulate Filter found on the latest low emission engines.
- Good low-temperature pumpability, even with soot-laden oil.
- Excellent resistance to viscosity and thermal breakdown at high temperatures.

### Main Applications:



### Excellent Emission Control System Life:

- Provides optimum Diesel Particulate Filter (DPF) life for minimal downtime and cleaning, thus managing maintenance costs.
- Excellent protection for newer low-emission diesel engines and older diesel engines.
- Specially formulated to protect exhaust after treatment systems (EGR systems).

### Made for American and European Manufactured Truck Engines:

Industry standard specifications: API CK-4; Compatible with API Service Category: CJ-4, CI-4 Plus and all prior Categories. ACEA E7-16, ACEA E9-16, API SN

Meets the following manufacturer performance specifications: Caterpillar ECF-3 Cummins CES 20086 • DDC DFS 93K222 • Deutz DQC III-10 LA • Ford WSS-M2C171-F1 Mack EOS-4.5 • MB-Approval 228.31 • MTU Category 2.1 • Renault RLD-4 • Volvo VDS-4.5

## Typical Technical References:

### Ghost DCORE 15W40 API CK-4/SN Fully Synthetic Diesel Engine Oil

PROPERTIES	TEST METHOD	RESULTS
Kinematic Viscosity @ 100°C (212°F)	ASTM D445	15.15 cSt
Kinematic Viscosity @ 40°C (104°F)	ASTM D445	112.77 cSt
Viscosity Index	ASTM D2270	142
Total Base Number	ASTM D2896	9.8
Density @ 15°C (59°F)	ASTM D1298	0.858 kg/l
Pour Point	ASTM D97	-42°C (-43.6°F)
Flash Point	ASTM D92	220°C (428°F)

## Applications:

**On-Highway:** Ghost Lubricants DCORE Diesel Engine Oils are made for long haul fleets requiring an engine oil with a longer drain interval and the latest API CK-4 and European ACEA specifications. Ghost Lubricants DCORE Diesel Engine Oils are also suitable for short haul trucks, delivery trucks, dump trucks, pickup trucks, and on-road equipment requiring 15W-40 CK-4. Also suitable for trucks & SUVs requiring gasoline rated API: SN.

**Off-Highway:** Suitable for use in agriculture, mining, logging and construction applications, and generators.

## Health & Safety:

Ghost Lubricants DCORE Diesel Engine Oil is unlikely to present any health or safety hazard or issue when used properly and according to the recommended application. It is recommended to avoid contact with skin. Use safety gloves that prevent used oil from getting into contact with skin. Do not handle hot diesel engine oil. It is recommended to wait until used diesel engine oil reaches room temperature. If skin contact does occur, immediately wash your hands/affected area with soap and water.

## Disposal Information:

Take used oil to the nearest collection point. Do not put into drains, soil, or into water resources.

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet via [www.GhostLubricants.com/SDS/15W40/CK4](http://www.GhostLubricants.com/SDS/15W40/CK4)

**Contact your Ghost Lubricants sales representative for more information.**

**Ghost Oil and Lubricants Corp.**  
PO Box 801734  
Valencia, CA 91380  
1-833-446-7811  
(1-833-GHOST 11)  
[www.GhostLubricants.com](http://www.GhostLubricants.com)