



## Mobil GEO 15W40

Mobil Commercial Vehicle Lube , United States

Premium Natural Gas Engine Oil

### Product Description

Mobil GEO 15W-40 is a premium fleet engine oil specifically formulated to provide reliable protection for trucks and buses using Compressed Natural Gas (CNG) or Liquefied Natural Gas (LNG). Mobil GEO 15W-40 is formulated from high quality base stocks and a balanced additive system. This advanced medium ash formulation provides excellent oxidation, nitration, and thermal stability to minimize combustion chamber ash deposits. Mobil GEO 15W-40 lubricates with less varnish, sludge, and carbon build-up under the most severe operating conditions.

### Features and Benefits

Modern high output, high speed, lean-burn diesel type engines using natural gas fuels place severe demands on engine lubricants. Mobil GEO 15W-40 is formulated to strict standards to deliver reliable engine performance in modern diesel type engines using natural gas as the primary fuel. The key benefits include:

- High thermal and oxidation stability helps control sludge build-up and deposits
- Reserve TBN neutralizes oxy acids and nitrates to reduce deposits
- Shear stability reduces oil consumption and provides bearing wear and cylinder liner scuff protection
- Effective detergency/dispersancy keeps engines cleaner
- Low levels of Zinc and Phosphorous help extend catalytic converter life

### Applications

Recommended by ExxonMobil for use in:

- Spark ignited CNG and LNG-fueled lean-burn engines
- Dual fuel engines using diesel fuel for start-up and 15% diesel pilot fuel with CNG/LNG
- On-highway light and heavy-duty trucks and busses

### Specifications and Approvals

**This product meets or exceeds the requirements of:**

Cummins CES 20074

### Properties and Specifications

Property	
Grade	SAE 15W-40
Ash, Sulfated, mass%, ASTM D874	0.5
Density @ 15.6 C, g/ml, ASTM D4052	0.88
Flash Point, Cleveland Open Cup, °C, ASTM D92	210

Property	
Kinematic Viscosity @ 100 C, mm <sup>2</sup> /s, ASTM D445	14.4
Kinematic Viscosity @ 40 C, mm <sup>2</sup> /s, ASTM D445	110
Pour Point, °C, ASTM D97	-27
Total Base Number, mgKOH/g, ASTM D2896	5
Viscosity Index, ASTM D2270	130

### Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ <http://www.msds.exxonmobil.com/psims/psims.aspx>

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06-2020

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