



Mobil GEO™ 15W-40

Mobil Commercial Vehicle Lube , Thailand

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 is recommended for use in applications requiring:

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 ² /s, ASTM D445	14.4
Kinematic Viscosity @ 40 C, mm ² /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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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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