



**Mobil GEO 10W-40**  
Mobil Commercial Vehicle Lube , South Korea  
Premium Natural Gas Engine Oil

Product Description

Mobil GEO 10W-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 10W-40 is formulated from high quality base stocks and a balanced additive system. This advanced medium ash formula provides excellent oxidation, nitration, and thermal stability to minimize combustion chamber ash deposits. Mobil GEO 10W-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 10W-40 is formulated to meet 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

Typical Properties

Mobil GEO 10W-40	
SAE Grade	10W-40
Viscosity, ASTM D 445	
cSt @ 40°C	105
cSt @ 100°C	14.3
Viscosity Index, ASTM D 2270	139
Sulfated Ash, wt%, ASTM D 874	0.5
Total Base #, mg KOH/g, ASTM D 2896	5.2
Pour Point, °C, ASTM D 97	-27
Flash Point, °C, ASTM D 92	228
Density @ 15°C kg/l, ASTM D 4052	0.865

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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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](http://www.exxonmobil.com)

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