

# 217G | Armor Plate with Moly-D

## Natural Gas Engine Oil (NGEO)

### API CF-4

**DESCRIPTION:**

Armor Plate with Moly-D NGEO 217G is designed especially for engines fueled with compressed natural gas (CNG) or liquefied natural gas (LNG). Available in a 15W40 multigrade, this oil is an excellent natural gas engine oil for long drain mobile applications.

**COMPOSITION:**

Both varieties are formulated using lower ash containing additives to lower deposits and sludge buildup, and help extend the life of catalytic converters. The highest quality paraffinic base oils plus lower ash containing additives control deposits in combustion chambers of four-cycle engines. The anti-corrosion properties and extra rust protection make this custom lubricant superior to other oils of this type along with its superior valve train and recession protection. 217G contains our superior anti-friction component, Moly-D to reduce wear and operating temperatures.

**PERFORMANCE CHARACTERISTICS:**

Mobile engines utilizing CNG and LNG have been used for many years in the United States in such established services as, transit buses, semi-trucks, school buses, waste disposal trucks and refuse haulers, grocery trucks, and delivery vehicles.

Engine operating conditions and the nature of the fuel itself combine to make the lubricating requirements of natural gas engines different from automotive engines. One of the prime requirements of natural gas engines is to be able to operate for long periods of time completely unattended. Constant speed, high sump temperatures and the long drain periods characterize the normal operating conditions of these engines. As a result 217G delivers continuous protection while providing excellent wear protection, minimizing deposits, valve train wear and valve seat recession. Also, 217G meets and exceeds MIL-L-2104F.

**USES:**

Armor Plate with Moly-D NGEO 217G is recommended for compressed or liquefied natural gas engines, requiring MIL-L-2104F performance or any below specification.

**\*NOTE:** The API CF engine oil classification is obsolete and has no performance requirement (See API MOTOR OIL GUIDE for more details).

**APPLICATIONS:**

Meets and exceeds the following performance requirements:

- API CF-4
- Cummins CES 20074
- Volvo CNG
- Renault RGD
- Detroit Diesel 93K216
- Mack Endorsement
- Mercedes Benz MB 226.9
- Detroit Diesel 7SE272 9510

**TYPICAL SPECIFICATIONS:**

| SAE                              | 15W40 |
|----------------------------------|-------|
| API Gravity @ 60°F               | 32.6  |
| Flash COC °F                     | 370   |
| Vis mm <sup>2</sup> /sec @ 100°C | 13.7  |
| Viscosity Index                  | 143   |
| Pour Point °F                    | -25   |
| Sulfated Ash Wt. %               | 0.9   |
| TBN                              | 6     |

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