



# Gulfo Fleet L

## Heavy Duty Gas Engine Oil for Mobile Application

### Product Description

**Gulfo Fleet L** is a heavy duty low ash gas engine oil specially developed for use in modern, high output trucks and buses using Compressed Natural Gas (CNG). It is formulated with superior quality, highly paraffinic base stocks and performance additives specially designed for gas engines to provide excellent engine cleanliness, wear protection and overall performance. The advanced formulation of this oil provides excellent protection against oxidation and nitration and minimizes combustion chamber deposits. It meets specifications of major mobile natural gas engine manufacturers and exceeds the performance requirements of API CF.

### Features & Benefits

- Excellent oxidation and nitration resistance minimizes sludge build-up & deposits and increases oil/filter life
- Superior anti-wear property provides enhanced valve train wear protection
- Optimized ash prolongs life of valves/ spark plugs while ensuring the detergency/ TBN requirements
- Effective detergency and dispersancy keeps engine clean and provides extended drain potential
- Very good TBN retention provides protection against corrosion during entire service period

### Applications

- Natural gas engines of heavy-duty trucks and buses
- Cummins B & C series natural gas engines
- Detroit Diesel Series natural gas engines requiring oils meeting DDC 93K216 specifications
- Other spark ignition natural gas engines requiring API CF quality oils
- Also for the use in LNG, LPG / Propane fueled engines
- Light duty CNG vehicles requiring superior quality oil or operating under severe service conditions

### Specifications, Approvals & Typical Properties

Meets the following Specifications		15W-40	20W-50
API CF		X	X
Cummins CES 20074		X	
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D 445	14.5	19.1
Viscosity Index	D 2270	136	126
Flash Point, °C	D 92	242	236
Pour Point, °C	D 97	-30	-36
Density @ 15°C, Kg/l	D 1298	0.875	0.880
Sulphated Ash, %wt	D 874	0.56	0.64
TBN, mg KOH/g	D 2896	4.7	5.0

May 2024

Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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