



Gulfo Fleet

High Performance Automotive Gas Engine Oil

Product Description

Gulfo Fleet is heavy-duty medium ash gas engine oil specially developed for use in modern, high-output trucks and buses using Liquid or Compressed Natural Gas (LNG/ CNG) and Liquefied Petroleum Gas (LPG). It is formulated with high quality base stocks and performance additives specially developed 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 minimises combustion chamber deposits. It meets the specification of major mobile natural gas engine manufacturers including Daimler, Volvo and MAN.

Features & Benefits

- Excellent oxidation and nitration resistance minimises sludge build-up & deposits and increases oil/filter life
- Superior anti-wear property provides enhanced valve train wear protection
- Optimised ash prolongs life of valves/ spark plugs while ensuring the detergency / TBN requirements
- Effective detergency and dispersancy keeps engine clean
- Extended drain capability due to relatively high TBN
- Very good TBN retention provides protection against corrosive wear by neutralising acids

Applications

- Heavy duty trucks and buses using LNG, CNG and LPG and requiring MAN M 3271-1 and/ or MB 226.9 quality fluids
- Buses and trucks fitted with engines designed to run on 100% CNG but requiring relatively high TBN formulations in order to adequately control deposits and wear i.e MB and MAN engines
- Other spark ignition natural gas engines requiring API CF-4 quality oils
- Light-duty CNG vehicles requiring superior quality oil or operating under severe service conditions

Specifications, Approvals & Typical Properties

SAE Viscosity Grade		15W-40
Meets the following Specifications		
API CF-4		X
Volvo CNG, Renault RGD		X
Has the following Approvals		
MAN M 3271-1, MB-Approval 226.9		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	14.0
Viscosity Index	D 2270	137
Flash Point, °C	D 92	222
Pour Point, °C	D 97	-30
Density @ 15°C, Kg/l	D 1298	0.894
Sulphated Ash, %wt	D 874	0.98
Phosphorus, %wt	D 4047	0.083
TBN, mg KOH/g	D 2896	7.1

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

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