

# Aral Degasol LFM

stationary gas engine oil



## Description

Aral Degasol LFM is a mineral based zinc and phosphorus free SAE 40 medium ash gas engine lubricant for use in both spark ignition and dual-fuel gas engines. The formulation is designed specifically for use in four stroke medium and high speed engines running on aggressive landfill and sour gas fuel. The medium ash additive system protects against valve recession whilst still maintaining combustion space and turbocharger cleanliness. Aral Degasol LFM provides a high degree of engine protection against corrosion and wear which can result from the high concentrations of halogens and hydrogen sulphide frequently encountered in such applications.

## Application

The product is approved / suitable for use in:

- GE Jenbacher series 2 & 3 - Fuel Gas Classes B and C (Landfill gas, digester gas, sewage gas applications)
- Deutz - Landfill gas, digester gas, sewage gas applications.
- MAN Nutzfahrzeuge AG - Natural gas, landfill gas, sewage gas applications (MAN 3271-4 approval pending)
- Guascor

## Advantages

- High resistance to oxidation and nitration leads to longer oil life and extends drain intervals. This reduces maintenance costs and down time.
- Excellent antiwear characteristics provide outstanding protection against piston and cylinder wear and scuffing.
- Low combustion space and turbocharger deposit.
- Efficient neutralisation of acidic combustion products from landfill gases provides outstanding resistance to acid corrosion
- Longer service life in aggressive fuel gas applications.
- Low crankcase deposits and cleaner operation.

## Typical Characteristics

Name	Method	Units	Aral Degasol LFM
SAE Grade	SAE J300	-	SAE 40
Appearance	Visual	-	Clear & Bright
Density @ 15C, Relative	ASTM D4052	g/ml	0.89
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	13.0
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	124
Viscosity Index	ASTM D2270	None	98
Total Base Number, TBN	ASTM D2896	mg KOH/g	7.2
Pour Point	ASTM D97	°C	-18
Ash, Sulphated	ASTM D874	% wt	0.7
Flash Point, COC	ASTM D92	°C	250

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