NGEO HD

Package Sizes: 205 Litre
Product Codes: NGEOHD205
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NGEO HD is a monograde SAE 40, medium ash gas engine oil, made from highly refined base oils and an additive system that provides additional alkaline protection for gas engines utilising high sulphur gas (sour gas or biogas). It is suitable for both normally aspirated and turbocharged engines and is compatible with exhaust catalysts.

NGEO HD meets the requirements of API CD and is suitable for many manufacturers' requirements.

Application

It is designed for use in engines running on sweet or sour natural gas or biogas (sewage gas), where its high alkalinity allows longer oil drains and better engine protection compared to conventional low ash products. This includes at pump stations, co-generation units in treatment works and remote generators.

It may also be used in many land fill gas applications depending on the level of fluorocarbons expected in the gas being used as the fuel.

It is particularly suited for stationary engines made by the following manufacturers:

Deutz MWM	Dorman	Jenbacher	Fiatcantieri (diesels)	Mirrlees
Perkins	Waukesha	Ruston	Caterpillar (landfill and sour gas)	MAN

NGEO HD is also suited for these types of engine using a dual fuel system.

Customer Benefits

- Protects against valve seat recession.
- Reduces wear on piston rings and cylinder liners, prolonging engine life.
- Bright stock free formulation assists in oil life and control of engine deposits.
- Reduces corrosion from high sulphur gas combustion by-products.
- Longer drain life compared to conventional low ash oils.

Industry Specifications

API CD	EMA Mid Ash

Typical Properties

Density at 15°C, kg/L	0.890
Viscosity, Kinematic, cSt	
@ 40°C	121
@ 100°C	13.0
Viscosity Index	101
Sulphated Ash, mass %	0.75
Zinc, mass %	0.056
Base Number	7.0

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

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