Raysun Merga LFG

High performance medium ash natural gas engine oils

Raysun Merga LFG is premium quality, heavy-duty landfill gas engine oil intended for lubrication of high performance gas engines requiring "medium ash" oil. It is specially designed to meet the requirements of gas engines using severe fuels such as landfill gas, operating under heavy loads and sensitive to valve recession. It is formulated with carefully selected & field proven additive system to provide superior overall engine protection and reduced levels of combustion chamber deposits. Its outstanding detergency and dispersancy properties minimize ash formation and high resistance to oxidation and nitration making it an excellent choice for engines operating under high load and high temperature conditions.

Advantages

- Provides cleaner engines and improved engine performance as compared to conventional oils thus helps extending engine life.
- High oxidation and nitration resistance makes it an excellent choice in engines using severe fuel.
- Protects against valve seat recession
- Minimises ring scuffing of heavily loaded gas engines
- Minimises combustion chamber ash formation and improves spark plug performance
- Optimized TBN helps protecting engine components against corrosive wear
- Compatible for use in gas engines equipped with catalytic convertor

Applications

- Natural gas engines operating on landfill gas, digester gas, pipeline quality gas, and sewer.
- Two-cycle and four-cycle stationary natural gas engines where medium ash oil is required.
- Lean-burn gas engines sensitive to valve seat recession.
- Systems equipped with catalytic converters

شرکت نفت ری سان
دفتر مرکزی : پاسداران، چهارراه فرمانیه، خیابان شهید جهانبخش نژاد (نارنجستان هفتم)، پلاک ۱۰، طبقه چهارم | کارخانه : اتوبان تهران قم، شهرک صنعتی شمس آباد
تلفن: ۰۲۱-۲۳۵۵۰ | فکس: ۰۲۱-۲۲۸۲۰۲۳۵
www.raysunoil.com

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SAE Viscosity Grade	ASTM Method	Specification
40		
0.876	D 1298	Density @ 15^{0}C, kg/l
14	D 445	Viscosity @ 100°C, cSt.
110	D 2270	Viscosity Index
250	D 92	Flash Point, °C
-18	D 97	Pour Point, °C
8.9	D 2896	TBN, mg KOH/g
0.9	D 874	Sulphated Ash, % wt

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."