



LUBRICANTS



Product Data Sheet

Gulfo[®] Premium LA

Low Ash Stationary Gas Engine Oil

Premium performance lubricants formulated with advanced additive technology and superior high quality Group II base oils that provide the ultimate in protection for turbocharged, naturally aspirated, medium and high speed, four-cycle gas engines requiring a low ash oil. The additive system utilized in **Gulfo[®] Premium LA Gas Engine Oil** has been proven under severe service, high load and high output conditions such as 'lean burn' and stoichiometric four-cycle engines in co-generation and gas compression applications. The low ash, low phosphorous formula provides exceptional anti-wear protection to valve-train components, gears, bearings, pistons and rings while insuring catalytic converter compatibility and longevity. This formula provides enhanced performance in the areas of oxidation and nitration resistance and aggressive BN retention, enabling its use in extended, engine-oil drain applications.

Features and Benefits

- Long oil life resulting in improve drain interval optimization providing reduced maintenance and operating costs, less waste oil generation and reduced oil usage
- Lower oil volatility to reduce oil consumption and minimize combustion chamber and exhaust/emission system deposits
- Enhanced anti-wear protection in a low phosphorous formulation
- Excellent resistance to oxidation, nitration and oil thickening even under some of the most severe operating conditions
- Low impact, lower volatility phosphorous resulting in reduced exhaust catalyst degradation
- Advanced detergent/dispersant performance and excellent Base Number retention to ensure ultimate engine cleanliness and reduce sludge and varnish formation, even with extended oil drain intervals.
- Formulated for stationary engines fueled by natural and synthetic gas or gas from digester and landfill sources containing low levels of sulfur and chlorofluorocarbons (CFCs). *

*Note – In high (CFCs)/sour gas applications, oil with higher base reserve may be required.

Applications

Designed for use in a wide variety of medium and high-speed, four-cycle gas engines requiring the use of a low ash oil, including those manufactured by Caterpillar, Cummins, Jenbacher, Waukesha, Deutz, Wartsila and others.



1-800-566-4853



Tulsa, OK 74133



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Typical Properties

SAE Grade	Test Method	15W-40	30	40
Product Code		335491	335489	335490
Viscosity, cSt @ 40°C	ASTM D-445	105.0	93.1	128.2
Viscosity, cSt @ 100°C	ASTM D-445	13.7	11.0	13.8
Viscosity Index	ASTM D-2270	130	103	104
Sulfated Ash, Mass %	ASTM D-874	0.45	0.45	0.45
TBN	ASTM D-974	5.3	5.3	5.3
Flash Point, °F (°C)	ASTM D-92	440 (227)	451 (232)	460 (254)
Pour Point, °F (°C)	ASTM D-5949	-31 (-35)	-18 (-28)	-11 (-24)
Color	ASTM D-1500	5.0	5.0	5.0
High Temp High Shear Viscosity, 150°C, cP		4.2	N/A	3.9
Phosphorus, ppm		270	270	270
Zinc, ppm		330	330	330
API Gravity		30.5	29.8	29.5
Density, lbs./gal (g/L)	Calculated	7.2	7.3	7.3

Note: Typical values shown are representative of current production and may vary within modest range. Always follow manufacture's recommendations for proper selection of engine oil quality and viscosity grade

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