

PRODUCT DATA SHEET

Royal Geoguard 900 High-Ash **High Ash Natural Gas Engine Oil**



PRODUCT DESCRIPTION:

Royal Geoguard 900 High-Ash is a premium gas engine oil formulated for the lubrication of the crankcase as well as the power and combustion cylinders of spark-ignited, two and four-cycle gas engines. Oxidation and nitration are the common oil degradation reactions in severe gas engine operations. Our base stocks and additive package are carefully selected to retard both oxidation and nitration while providing maximum engine protection.

Royal Geoguard 900 High-Ash premium gas engine oil is a specially developed gas engine oil of a performance level to effectively control valve recession in four-cycle engines. This product has an outstanding resistance to thickening and provides superior oxidation stability.

KEY FEATURES:

- Formulated for Severe Applications
- Meets MIL-L-45199 and API CD
- Outstanding wear protection

CUSTOMER BENEFITS:

- Controls Valve Recession
- Superior oxidation stability

APPLICATIONS:

Royal Geoguard 900 High-Ash is qualified to lubricate natural gas engines under conditions of continuous high load and high operating temperatures over long periods of time. This oil is specifically developed for use in medium and high speed, high-performance natural gas engines. **Royal Geoguard 900 High-Ash** is recommended for four-cycle natural gas engines.

PACKAGING:

Totes and Drums

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Typical Properties

Royal Geoguard 900 High-Ash		
Product Number	166	Test Method
SAE Grade	40	
Viscosity @ 40C, cSt	136	
Viscosity @ 100C, cSt	14.2	ASTM D445
Viscosity @ 100F, SUS	711	
Viscosity @ 210F, SUS	76	
Viscosity Index	102	ASTM D2270
Flash Point, F	450	ASTM D92
Pour Point, F	-5	ASTM D97
Sulfated Ash, % Wt	1.2	
API Gravity	27	
Specific Gravity	0.8936	
Base Number	10	
API Service	CF	

Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, www.royalmfg.com, or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.