



Geoguard 610 CNG 15W40

Medium Ash - Natural Gas Engine Oil

PRODUCT DESCRIPTION:

Royal Geoguard 610 CNG is designed to provide superior performance in the new generation of Cummins Natural Gas Engines. This medium or mid range ash oil contains a unique additive combination of a detergent/dispersant. It provides resistance to oxidation and bearing corrosion as well as low temperature deposit control. This additive system minimizes the formation of sludge, deposits and varnish and helps keep the engine clean. The oil is low in phosphorus making it suitable for use with engines having catalytic converters. The use of quality engine oils combined with appropriate oil and filter change intervals are critical factors in maintaining engine performance and durability. Cummins Inc. recommends the use of high quality SAE 15W40 and SAE 40 engine oil for natural gas and propane engines.

KEY FEATURES:

- Multi-weight oil gives improved starting in low temperature conditions
- Reduces oil consumption
- Controls piston and port deposits

CUSTOMER BENEFITS:

- Retards nitration and oxidation
- Improves protection against ring and liner wear
- Better viscosity control
- Compatible with engines equipped with catalytic convertors

APPLICATIONS:

Requirement for natural gas engines using High Pressure Direct Injection

Recommend use of Royal Geoguard 610 CNG 15W40 in Cummins CES 20074 B*, C*, G5.9, G8.3, L Gas Plus and ISL G Series Natural Gas Engines

Requirements for Cummins QSK45G, QSK60G, QSV81G, and QSV91G Series Natural Gas Engines

This oil is not necessarily backwards compatible in older Cummins engines requiring Royal Geoguard 600 Mid-Ash

PACKAGING:

Totes and Drums



Typical Properties

Royal Geoguard 610 CNG		
Product Number	147	Test Method
SAE Grade	15W40	-
API	29.82	
Viscosity@40°C cSt	87.41	ASTM D445
Viscosity@100°C cSt	12.82	ASTM 7042
Viscosity Index (VI)	137	-
Specific Gravity	0.87715	
Density	0.87666	
Lbs/Gal	7.305	
Pour Point °C	-27	ASTM D97
Flash Point °C	212	ASTM D92
Color	<7.0	ASTM D1500

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 Safety Data Sheet (SDS) 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.