



beacon
lubricants_{INC}

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technical data sheet

Signal NGE 15W-40 Engine Oil

Product Application:

Beacon Signal NGE 15W-40 Engine Oil is a specially formulated heavy duty low ash extended life engine oil. It has been developed to meet or exceed the warranty requirements of all major manufacturers of compressed natural gas (CNG), Liquefied natural gas (LNG) and liquefied petroleum gas (LPG) engines in both on and off highway vehicles and stationary equipment. Signal NGE 15W-40 engine oil utilizes high temperature low ash detergent additives providing excellent engine cleanliness by controlling the formation of combustion chamber deposits, piston deposits, and varnish that could lead to ring sticking and breakage.

Features and Advantages:

- *Extended life product, long drain capability
- *Excellent chemical and shear stability
- *Excellent low temperature pump ability while maintaining high temperature viscosity
- *Outstanding thermal and oxidation stability
- *Low ash detergent additives providing for excellent engine cleanliness

Package Size:

Bulk, drums, pails

Meets or exceeds the following specifications:

API CF
Cummins CES 20074 natural gas engine oil
Detroit Diesel 93K216 mobile gas engine oil
MB 226.9
Volvo CNG
Mack CNG
Renault RGD
Isuzu CNG
Hino GNG
Hyundai CNG

Applications:

CNG Municipal Bus Service
CNG Transit Buses
CNG School Buses
LNG/CNG Refuse Truck Service
LNG/CNG Over-The-Road-Trucking
CNG Pick-Up Trucks
CNG Airport and Inner City Shuttles
CNG Powered Street Sweepers



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Typical characteristics:

	<u>15W-40 NGE</u>
Viscosity, ASTM D 445	
cSt @ 40°C	113
cSt @ 100°C	15.3
Viscosity Index, ASTM D 2270	142
Sulfated Ash, wt% ASTM D 874	.89
Total Base Number, mg KOH/g, ASTM D 2896	6.68
Pour Point, °C, ASTM D 97	-29
Flash Point, °C, ASTM D 92	222
Density @ 15°C kg/l, ASTM D 4052	.872