

## Firebird™ NG

76® Firebird NG is a high-quality, environmentally responsible, dispersant-detergent gas engine oil specially designed for use in vehicular natural gas engines that have slider-follower valve trains. It is formulated with a higher level of antiwear additives than conventional low-ash gas engine oils to meet the enhanced wear protection requirements of diesel engines converted to natural gas service. It is particularly recommended for use in transit buses, school buses, delivery trucks and other vehicles equipped with Cummins, Detroit Diesel or John Deere CNG or LNG engines.

Firebird NG is formulated with greater than 60% high-quality re-refined base stocks. It provides outstanding oxidation and nitration resistance, excellent wear protection, and protection against rust and corrosion. It minimizes the formation of sludge and deposits for good engine cleanliness, and protects against valve stem deposits and valve seat recession, resulting in reduced maintenance and extended engine life. It also has good resistance to foaming and aeration. The use of re-refined base stocks helps lessen the environmental impact of disposal of used oil.

### ***Applications***

- Transit buses, school buses, delivery trucks and other vehicles equipped with slider-follower CNG or LNG engines

Firebird NG is OEM-certified for:

- Cummins CES 20074

Firebird NG meets the performance requirements of:

- Detroit Diesel Series 50G and Series 60G engines
- John Deere 6.8L and 8.1L CNG engines

### ***Features/Benefits***

- Excellent wear protection for diesel engines converted to natural gas service
- High dispersancy protects against sludge and varnish formation
- Outstanding resistance to oxidation and nitration
- Protects against scuffing and wear
- Protects against valve stem deposits and valve seat recession
- Protects against rust and corrosion
- Good foam resistance
- Lessens the environmental impact of disposal of used oils

**Natural Gas  
Engine Oil For  
Vehicular  
Applications;  
Formulated With  
Re-refined  
Base Stocks**

### **CONTACT INFORMATION**

**Phillips66  
Lubricants.com**

U.S. Customer  
Service:  
**1-800-368-7128**

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**1-877-445-9198**

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Customer Service:  
**1-832-765-2500**

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p66.com**

**Firebird™ NG****Typical Properties**

<b>SAE Grade</b>	<b>15W-40</b>
Specific Gravity @ 60°F	0.880
Density, lbs/gal @ 60°F	7.33
Color, ASTM D1500	7.5
Flash Point (COC), °C (°F)	227 (441)
Pour Point, °C (°F)	-36 (-33)
Viscosity, Kinematic	
cSt @ 40°C	114
cSt @ 100°C	15.0
Viscosity Index	136
Cold Cranking Viscosity, cP @ -20°C	6,300
Sulfated Ash, ASTM D874, wt %	0.76
Total Base Number (TBN), ASTM D2896	6.0
Phosphorus, wt %	0.080
Zinc, wt %	0.088
Re-refined Content, Finished Oil, wt %	>60

**Health and Safety Information**

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.