



15W-40 NGE0

STARFIRE 15w40 NGE0 is a high-quality, 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 anti-wear 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.

STARFIRE 15w40 NGE0 is formulated to provide 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.

Applications

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

STARFIRE 15w40 NGE0 is OEM-certified for:

- Cummins CES 20074
- Detroit Diesel DFS 93K216 (Series 50G and Series 60G engines)

Starfire 15w40 NGE0 meets the performance requirements of:

- 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

SAE Grade	15W-40
Specific Gravity @ 60°F	0.875
Density, lbs/gal @ 60°F	7.29
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	15.2
Viscosity Index	139
Cold Cranking Viscosity, cP	6,300
Sulfated Ash, ASTM D874, wt	0.76
Total Base Number (TBN)	6.0
Phosphorus, wt%	0.080
Zinc, wt%	0.088