



ULTRA CNG

15W40

B L E N D E D T O I N T E R N A T I O N A L S T A N D A R D S

GENERAL

The **Ultra CNG** is a superior low ash, catalyst compatible, multi-viscosity engine oil that is formulated for use in CNG (Compressed Natural Gas), LNG (Liquefied Natural Gas) or LPG (Liquefied Petroleum Gas) vehicles such as buses, refuse trucks, shuttles and delivery fleets. Ultra CNG is particularly recommended for use in those vehicles equipped with Cummins, Detroit Diesel and John Deere CNG or LNG engines.

Ultra CNG is blended from a unique combination of severely hydro treated and hydrocracked Group II base oils and a low-ash performance additive package to meet the demanding specifications of Cummins CES 20074 and Detroit Diesel DDC 93K216.

Ultra CNG provides the following benefits :

- Excellent overall engine cleanliness
- Excellent protection against deposit formation on the piston crown, combustion chamber and cylinder walls
- Increased engine durability and reliability
- Longer oil life
- An optimized balance of detergency and dispersancy to provide excellent piston and engine cleanliness.

PERFORMANCE SPECIFICATIONS

Ultra CNG meets or exceeds the exacting test requirements of:

- Cummins CES 20074
- Detroit Diesel DDC 93K216.
- API CF

MAIN APPLICATIONS

- Cummins L-10, "B" and "C" series stationary and vehicular CNG engines and Detroit Diesel 50G and 60G natural gas engines.
- Mack CNG, Volvo CNG, Renault RGD, Isuzu CNG, Hino CNG, Hyundai CNG, John Deere CNG/LNG and LPG fueled engines.
- In earlier model 4 stroke diesel fueled engines calling for API CF-4/CG-4/CE/CD quality engine oils as well as out of warranty 2 -stroke Detroit Diesel engines that specify the use of an API CF-2 quality engine oil.
- Mixed fleet engine oil for CNG/Gasoline/Diesel combinations where SAE 15W40 lubricants recommended.

TYPICAL PROPERTIES

	TEST METHOD	
SAE Viscosity Grade	J 300	15W-40
Kin. Viscosity @ 40 °C-cSt	ASTM D445	114.43
Kin. Viscosity @ 100 °C-cSt	ASTM D445	15.05
Viscosity Index	ASTM D2270	139
Specific Gravity, 60/60 °F	ASTM D1298	0.8828
Pour Point, °C	ASTM D97	-24
Closed Flash Point, °C	ASTM D93	210
Zinc Content, % wt	ASTM 4927	0.15
TBN, mg KOH/g	ASTM D4739	6.5

HEALTH AND SAFETY

Ultra CNG is unlikely to pose any health or safety hazards when used in the recommended applications, provided good standards of personal and industrial hygiene are observed. Please refer to the Material Safety Data Sheet (MSDS) for further information.

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