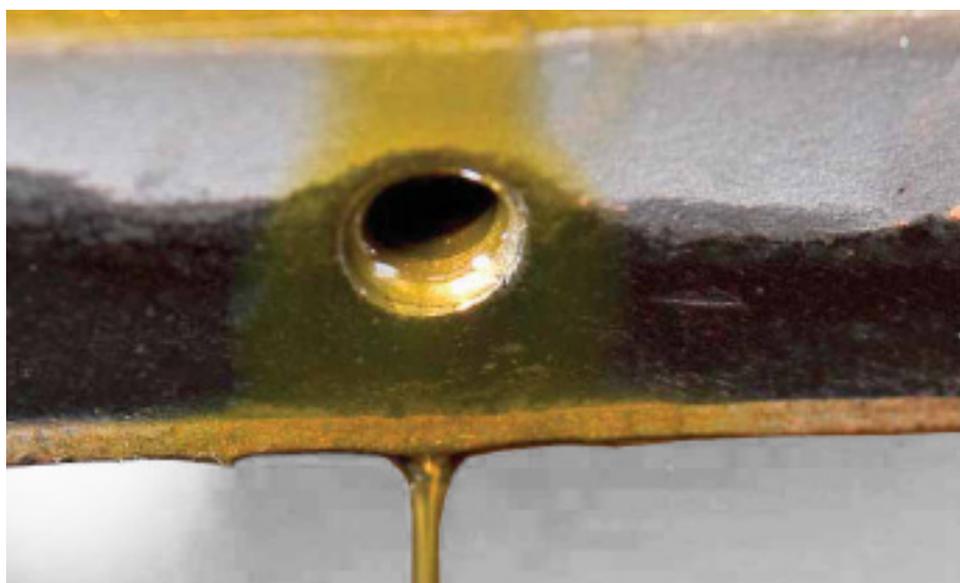


ENGINE OILS

HiTEC[®] 8833

CNG Additive Package



Severe Conditions. Clear Performance.

HiTEC® 8833 CNG Additive Package

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Key Performance Benefits

The Compressed Natural Gas (CNG) engine population is growing significantly under the influence of tighter emission legislation and the rarefaction of liquid fuel.

CNG engines operate under more severe conditions than diesel engines. Higher operating temperatures lead to increased stress on the lubricants. Until now, no one has developed a lubricant additive that delivers a complete solution by allowing formulation of both conventional HDDO and best-in-class CNG Engine Oil with a single additive.

HiTEC® 8833 additive package is a unique solution that provides clear performance in 4 key areas:

- Ash control
- Oxidation and nitration control
- Wear protection
- Cleanliness

HiTEC® 8833 multifunctional additive package benefits include:

- Covers both CNG and diesel applications
- Broad OEM profiles
- Reduces inventories and simplifies logistics
- Proven field trial performance (45,000 KM drain)
- Delivers the performance benefits previously met by synthetic fluids
- Provides an economic formulation style using:
 - Group I base stocks
 - Conventional OCP

Recommended Dosage

HiTEC® 8833 can be used at the specified treat -rates to meet the following OEM specifications:

	HiTEC® 8822 (% wt.)	HiTEC® 8833 (% wt.)
Treat-rate	8.5	11.5
CNG	MAN 3271-1, MB 226.9	MAN 3271-1, MB 226.9, Renault RGD
Diesel	MAN 271, MB 228.1, API CF-4, ACEA E2	MAN 3275, MB 228.1, API CG-4, ACEA E3

After 90,000KM, There is No Sign of Sludge on any Engine Parts and the Oil is Clear.



Typical Characteristics

Appearance:	Dark brown viscous liquid
Density at 15°C, g/ml:	0.959
Flash Point, °C (PMCC):	135 min.
Kinematic Viscosity at 100°C, mm ² /s:	95
Total BaseNumber, mg KOH/g	70.5

Handling Information

Max Handling Temp: 70°C
Shelf Life: 24 months at ambient temperature