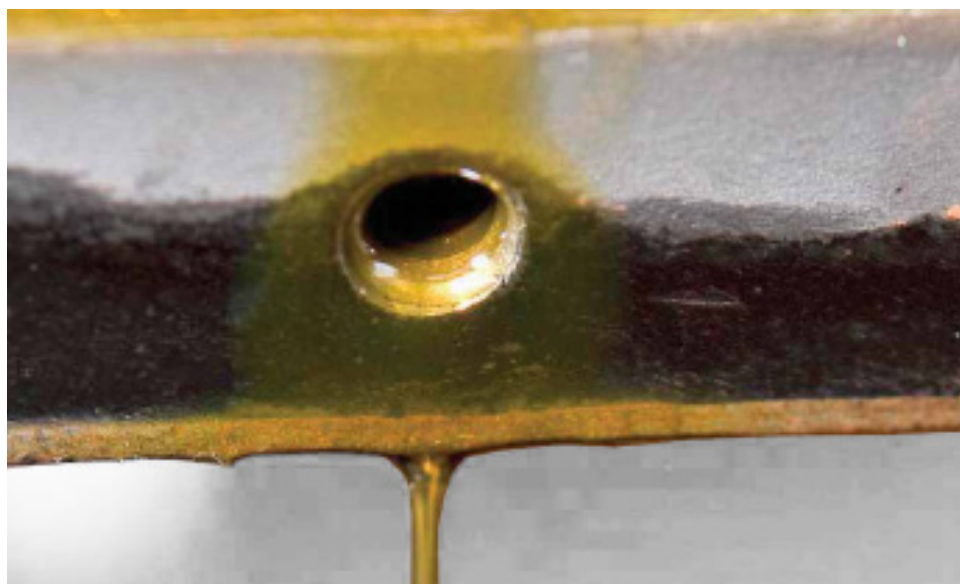


ENGINE OILS

HiTEC[®] 8822

CNG Additive Package



Severe Conditions. Clear Performance.

HiTEC® 8822 CNG Additive Package

Severe Conditions. Clear Performance.

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 robust CNG Engine Oil with a single additive.

HiTEC® 8822 additive package is a unique solution that provides clear performance in 4 key areas:

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

HiTEC® 8822 multifunctional additive package benefits include:

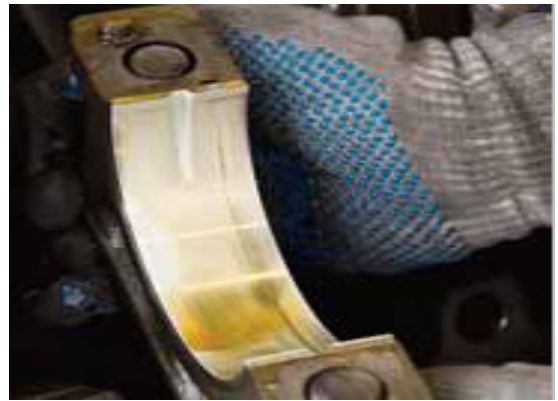
- Covers both CNG and diesel applications
- Broad OEM profiles
- Reduces inventories and simplifies logistics
- Proven field trial performance
- Offers the lowest treat-rate on the market
- Delivers an economic formulation style using:
 - Group I base stocks
 - Conventional OCP

Recommended Dosage

HiTEC® 8822 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, the Bearing Shell Shows
No Sign of Wear and the Oil is Clear**



Typical Characteristics

Appearance:	Dark brown viscous liquid
Density at 15°C, g/ml:	0.985
Flash Point, °C (PMCC):	135 min.
Kinematic Viscosity at 100°C, mm ² /s:	90
Total BaseNumber, mg KOH/g	86

Handling Information

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