

## CLEANBURN CONVERSION KIT

SUPERIOR™ 825 8GT & 8GTL ENGINES

### Overview

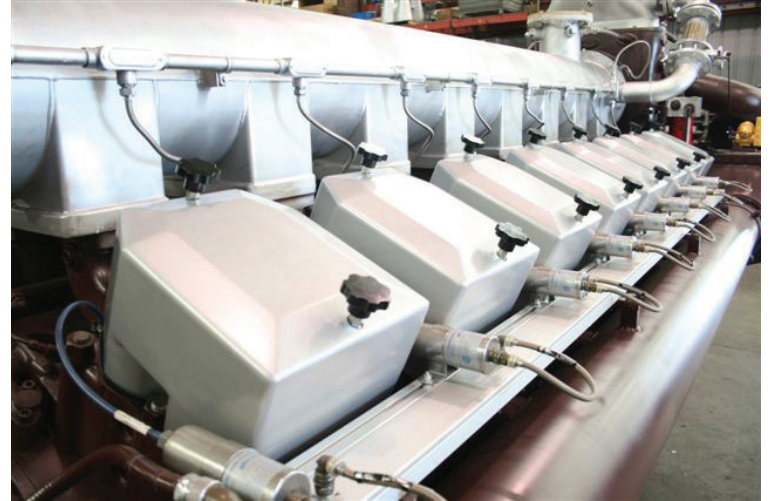
Cooper offers CleanBurn Conversion Kits for the 8GT and 8GTL model engines. Converted engines will be designated as 8GTLE models. The LE in the model name is to represent Low Emissions. The kit has been designed and thoroughly tested to achieve 2g/bhp-hr NOx at 900 rpm and full load.

### Benefits

- › Relocating horsepower in regulated areas
- › Add horsepower to current facilities
- › Meet new compliance regulations with existing horsepower
- › Guaranteed emissions performance
- › Minimum cost when performed during normal top end or complete overhaul
- › State-of-the-art electronic air/fuel controls
- › Turbo rebuild at Salina turbocharger Center of Excellence (COE)
- › Engines with Elliott H35 and Cooper-Bessemer™ ET11 turbos are convertible

### Kit contains

- › Pre-chambered CleanBurn heads
- › Pilot fuel system
- › Modified ignition system
- › Electronic air/fuel controls
- › Turbo modifications plus clean and balance at Salina turbocharger COE
- › Electronic timing control
- › Complete instruction/parts manual



### Upgrade summary

Because every effort was made to reduce the cost of these kits, some minor restrictions may apply. The sizing of auxiliary equipment as originally supplied restricts the unit to no overload capability. There are ambient temperature and elevation limitations. If any of these are exceeded, engineering must be notified and an appropriate deration will apply.

The 8GT models are currently limited to those with Elliott H35 turbos. The 8GTs with other type turbos may be converted, but may take an additional engineering fee and definitely a horsepower de-rate.

The Superior CleanBurn Conversion Kits have been designed to have 8GT and 8GTL units operate and achieve a 2 g/bhp-hr NOx at 900 rpm and full load. With Cooper factory approved channel partner personnel doing the conversion, performance guarantees for fuel consumption, emissions levels and/or other items will be quoted at the time the kit is reviewed with the customer. In the event that the customer has elected to install the kit themselves, a package can be extended where a Cooper factory approved channel partner service representative reviews the kit installation and assists with the initial start-up.

**LEGENDS DON'T STOP. WE MAKE SURE OF IT.™**

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