

## APPLICATION

Portable Diesel Generators

# LE Helps Chiller Rental Business Extend Diesel Generator Drains

**CUSTOMER TESTIMONIAL**  
Chiller Rentals by CTCA

## CHALLENGE

Need for longer drain intervals and better wear protection

## SOLUTION

Monolec® Ultra Engine Oil (8800)

## RESULTS

- Provided better wear protection
- Extended drain intervals
- Reduced downtime

## Customer Profile

Based in Austin, Texas, Chiller Rentals by CTCA offers rental chiller plants for temporary or emergency use by customers throughout the United States. With a complete line of chillers, diesel generators and air conditioners, CTCA can quickly respond to its customers' chiller and commercial HVAC rental needs to keep their facilities running. In addition to its rental business, CTCA has been in the commercial HVAC industry since 1977. Chiller Rentals by CTCA has been an LE customer since 2006. For more information, visit [www.ctcair.com](http://www.ctcair.com).

## Application

CTCA uses Ingersoll Rand G330 generators to provide electricity to temporary chillers while repairs or replacement of existing cooling systems are performed. These 330-kilowatt units are powered by John Deere 6081 diesel engines and have 8-gallon oil sumps.

## Challenge

While using factory grade conventional engine oil, CTCA was not satisfied with short drain intervals and the resulting downtime on its portable diesel generators, which are critical to its emergency chiller rental business.

## Results

After switching to Monolec 8800, the drain intervals are at 1,250 hours, with the oil filter being changed every 250 hours. Charles Hamilton, operations supervisor at CTCA, is happy with these results. There is less equipment downtime and less manpower needed to do oil changes, than with the previous lubricant.

In addition, Charles said that one of the IR G330 units suffered an overnight mechanical issue that caused a major loss of oil over an eight-hour time period. Those eight hours were unattended; no immediate damage control could be done. The oil pressure dropped so low that the unit shut

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**CTCA's "neglected" and "abused" 2000 Ford F250 has 430,000 miles and is running strong, thanks to Monolec 8800. – Charles Hamilton, operations supervisor**



### LE Solution

CTCA realized they needed something better so they began searching for extended drain engine oil that also provided superior wear protection. Their local LE lubrication consultant recommended Monolec® Ultra Engine Oil (8800), which is specifically formulated for heavy duty, extended drain intervals. Monolec 8800 contains a combination of additives to keep internal engine parts clean and provide maximum wear prevention, ultimately extending the life of the engine.



*Charles Hamilton, operations supervisor*

### Results (cont.)

down entirely. Once the repair was made and the unit was refilled with Monolec 8800, the John Deere 6081 engine started up without damage and continues to provide service. With conventional engine oil, it is likely that there would have been damage or more downtime because of this incident.

CTCA also uses Monolec 8800 in a 2000 Ford F250 with 7.3-liter diesel engine and has experienced similar positive results. Charles referred to this truck as "neglected" and "abused." He even admitted that several times this truck has missed its 10,000-mile oil change. The truck currently has more than 430,000 miles and is running strong.

*Thank you to Charles Hamilton, operations supervisor (pictured above left), and Jason Traynham, LE lubrication consultant (pictured right), for providing the information used in this report.*

