



Proof of Performance

September 2002

**Lone Star Steel-Lone Star Logistics
Lone Star, Texas
Unit No. 421, Caterpillar 3408 Engine, 988F**



**Mobil Delvac 1300 Super and Mobil EM/PA
Program increases overhaul intervals by
21% with a pro-rated savings of \$5,328.**

Mobil[®]

Proof of Performance

Lone Star Steel-Lone Star Logistics
Lone Star, Texas
Unit No. 421, Caterpillar 3408 Engine, 988F

Objective.



To improve proactive maintenance programs and reduce maintenance costs.

Solution.



Use **Mobil Delvac 1300 Super**, Mobil EM/PA Program, and Mobil's Planned Engineering Services to complement Lone Star Steel-Lone Star Logistics' maintenance personnel.

Result.



Due to high productivity and a shortage of maintenance personnel, the engine overhaul was delayed and monitored by oil analysis (Mobil EM/PA Program). The engine was overhauled by DARR Equipment Company with 18,197 hours instead of the recommended 15,000 hours.

Cost Savings:

$$\begin{aligned} & \{(Current\ Overhaul\ Life - Previous\ Overhaul\ Life)/(Previous\ Overhaul\ Life)\} \times (Overhaul\ Cost) \\ & = \{(18,197\ hours - 15,000\ hours)/(15,000\ hours)\} \times (\$25,000) \\ & = \{3,197\ hours/15,000\ hours\} \times (\$25,000) \\ & = .213 \times \$25,000 \\ & = \mathbf{\$5,328.33} \end{aligned}$$

Benefits.



Increasing the overhaul intervals by 21% increases equipment reliability.

Steel

MFS #
02G244599

PMHP0702

To find out how Mobil can improve your performance, or for more information on Mobil lubricants and services, call 1-800-662-4525 (1-800-268-3183 in Canada) or visit our Web site at www.mobil.com.

Mobil[®]