

Cat® Oils

CUSTOMER: National Electricity Technology Co - Kahraba

FLEET SIZE: (4) Prime Power Gas Engines

INDUSTRY/APPLICATION: Power Generation

SITUATION:

Kahraba is a leader in electrical power generation and distribution producing more than 40M KW/hr per year. The (4) Cat® Natural Gas Engines (3x G3516E, 1x G3520C) run over 6000 hours per year and play an integral role in powering the New American University in New Cairo. Kahraba was previously changing engine oil (Non Cat) on 1000 hour intervals.

SOLUTION:

Cat Dealer, Mantrac, proposed the customer make the switch from the competitive engine oil to Cat NGE0 Advanced 40. Mantrac's proposal included:

- Trial fill of 423 liters per unit at no charge to the customer
- No cost S•O•SSM samples (customer had used (3) different oil labs in the past)
- Technical support and follow up during the 4 month trial period

At the conclusion of the trial, Mantrac determined the optimum oil change interval to be 1100-1200 working hours.



PROOF OF PERFORMANCE

15% savings in oil costs due to extended drain intervals made possible by Cat NGE0 Advanced 40.

By using Cat Oil the customer realized improved uptime due to decreased oil and filter changes. By applying periodic S•O•SSM sampling to alert any sudden spikes in "wear elements" pattern, customers are able to predict issues and avoid sudden failures. In addition, Cat S•O•S sampling provided the information necessary to make informed decisions about component health and avoid sudden failures.

We offer you the right parts and service solutions, when and where you need them. The Cat dealer network of highly trained experts are built to help you maximize your equipment investment.

BUILT FOR IT.™

