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To whom it may concern,

We have been using Rennsli's product in our diesel fuel for 6 years now. We ran a simple study to find if there were any fuel savings with the product in our CAT 769 haul trucks & Cat 972 Front End Loader. We also have several other pieces of CAT equipment that we did not test with but have been treated now for the past 6 years.

During the test period in 2015, we collected data on run hours, gallons used and notes on performance of the equipment during the time of using 8000 gallons of Diesel fuel (1 bulk tank). We then did the same for 8000 gallons of treated Diesel fuel (1 bulk tank). All diesel fuel was purchased from the same source. We then ran a simple comparison from this data. We found a fuel usage decrease of 8 - 22% depending on the machine.

CAT 769C Haul Truck 1999
7.16 Baseline GPH
6.3 Test GPH 42 days
0.86 GPH less for same work
12.01% Increase in efficiency

CAT 972 Front Loader 1999 (Old)
5.55 Baseline GPH
4.32 Test GPH 40 days
1.23 GPH less for same work
22.16% Increase in efficiency

CAT 972 Front Loader 1999(New)
5.69 Baseline GPH
5.29 Test GPH 44 days
0.4 GPH less for same work
7.03% Increase in efficiency

CAT 966G Front Loader 1999
5.86 Baseline GPH
5.36 Test GPH 44 days
0.5 GPH less for same work
8.53% Increase in efficiency

The test period of 40 to 44 days resulted in an average saving of 12.43% fuel savings with treated fuel when compared to untreated diesel in the same machines. This more than paid for the product and actually gives us an average of 10% cost reduction in fuel throughout the year across all of our equipment.

All of our CAT equipment is of older vintage and none are Tear 4. We do have and run a very tight Preventative Maintenance program on our equipment, due to the harsh environment they are operated in. This includes oil sampling on regular intervals to assess engine/component wear, life/repair estimates, and capital expenditure planning. Since Utelite began the use of the Rennsli/Ferox product, we have not seen any negative impact on our equipment in any area.

Jeff Barrick

General Manager
Utelite Corporation