



Power Kleen™

Diesel Fuel Improver

More Hours per Gallon, Better Performance, Increased Reliability

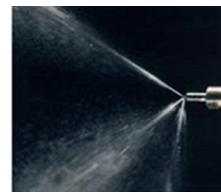
Diesel quality affects not only fuel economy, but also injector life and engine performance resulting in significantly higher fuel and maintenance costs. Power Kleen is designed to address key diesel quality issues. Its powerful, ashless NitroGenesis™ additives remove power-robbing injector deposits for better, more efficient combustion. It includes fuel lubricity improvers, cetane improvers, and water scavengers to reduce wear, improve starting, and stabilize fuel. With a typical 5% improvement in fuel economy, Power Kleen more than pays for itself in fuel savings.

BENEFITS

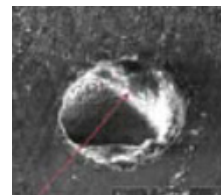
- Cleans fuel system and injectors of rust, corrosion and deposits
- Recovers lost power and efficiency by up to 10%
- Improves Cetane by up to 8 numbers
- Adds lubricity to prolong fuel pump and injector life
- Reduces soot and exhaust emissions up to 70%
- Extends fuel filter life and DPF regeneration cycles
- Improves engine startup and smooths idling
- Stabilizes fuel in storage

Power Kleen keeps your fuel system clean.

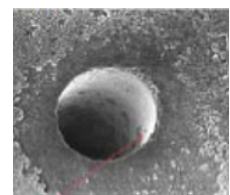
Before



After



Fouled injector nozzle



Clean injector nozzle

Power Kleen Improves Fuel Economy and Reduces Emissions

In a proactive effort to reduce its environmental footprint, the Georgia Ports Authority (GPA) commissioned a study to determine whether a fuel additive could effectively reduce pollutant emissions and increase fuel efficiency for its diesel equipment fleet. Independent engineering consulting firm WPC (Terracon) was contracted to conduct the test and provide analysis. The study included a diesel vehicle fleet of 64 rubber-tired gantry cranes and 40 jockey trucks.

The result of the study indicated that fuel efficiency increased 5% on average when Power Kleen was added to the fuel. Reductions in EPA criteria pollutants were even more dramatic. Particulate matter reductions averaged as high as 71%, while nitrogen dioxide decreased as much as 20% and carbon monoxide decreased an average of 19%.

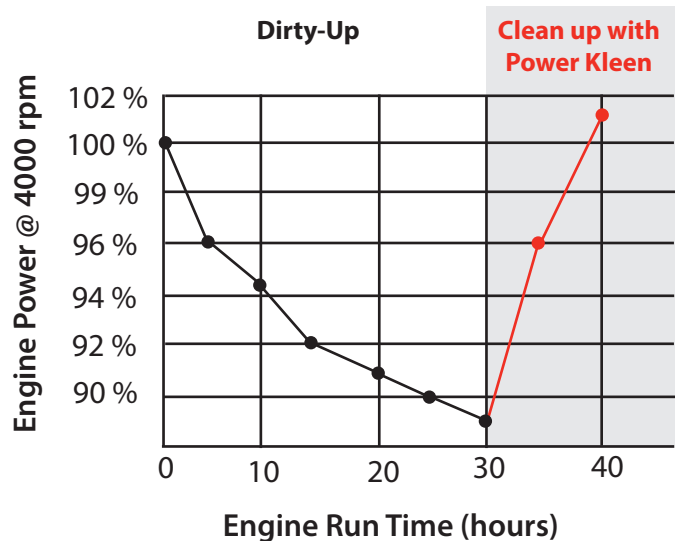
“The results are proof-positive that these additives work,” said GPA’s Senior Director of Engineering and Facilities Maintenance, Wilson Tillotson. “We plan to continue using fuel additives for all diesel consumed on GPA property.”

GPA POWER KLEEN STUDY: FUEL CONSUMPTION REDUCTION

OEM	RTG Fleet	Jockey Fleet
Baseline (Gal/Hr)	5.11	1.96
Post-Additive(Gal/Hr)	4.83	1.88
Percent Improvement	5.48%	4.35%
Annual Savings	\$138,144	\$41,511

YOUR LUBRICATION CONSULTANT

POWER KLEEN MAXIMIZES ENGINE POWER OUTPUT



In the Peugeot DW10B test, a fouling agent is added to diesel fuel to simulate long term injector fouling and measure reduced engine power output. After clean-up treatment with Power Kleen, engine power was completely restored. For new engines, a Power Kleen “keep-clean” treat was shown to limit power loss to only 1% versus 8% for the untreated high-fouling fuel.

POWER KLEEN REMOVES AND PREVENTS CORROSION



Overfill preventer in service 1 year
Granite Rock, Santa Cruz, CA



Our Lubricants for a Healthier Planet product line improves worker and consumer safety, prevents harm to the environment and supports sustainable processes. For more information please contact your Hydrotex Representative.