



MORE POWER, LOWER COSTS, REDUCED EMISSIONS



ONE STEP AHEAD

➔ *Efficiency*

➔ *Economy*

➔ *Environment*



Reduced pollution, coupled with the effects of greater fuel economy, fewer replacement parts, and an overall improvement in efficiency, mean that ADERCO can reduce costs and benefit the environment at the same time.

- ➔ **Efficiency:** improved combustion means more power
- ➔ **Economy:** savings in maintenance, down-time, fuel costs
- ➔ **Environment:** reduced noise, smoke, gases, particles

More than 19 million tonnes of fuel treated by ADERCO per year, and rising...

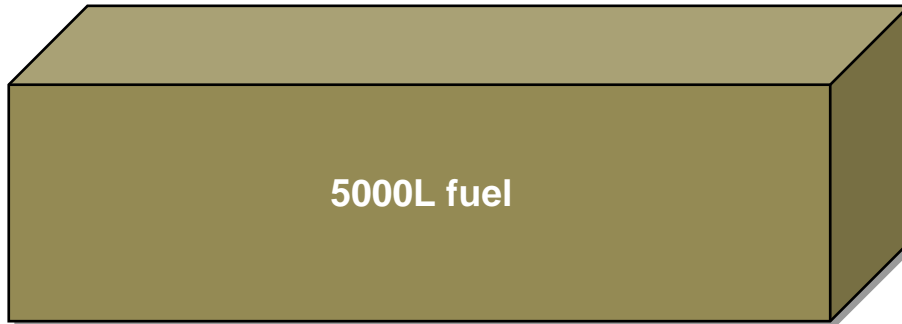


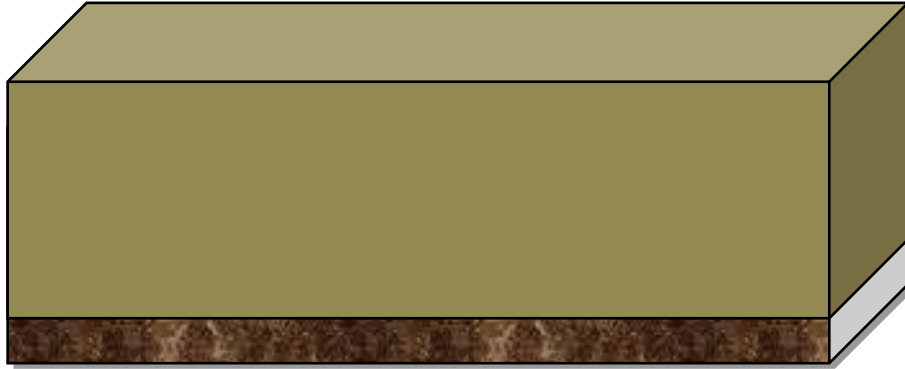
ADERCO 5000 is a 100% organic fuel additive. It reduces the harmful effects of impurities in modern fuels and improves combustion.

Engines treated with ADERCO 5000 use less fuel, are more reliable, and cause less pollution.

ADERCO 5000 starts working as soon as it is added to the tank. Its benefits can be seen **before, during and after combustion...**

**1L ADERCO *prior to filling*
*tank***



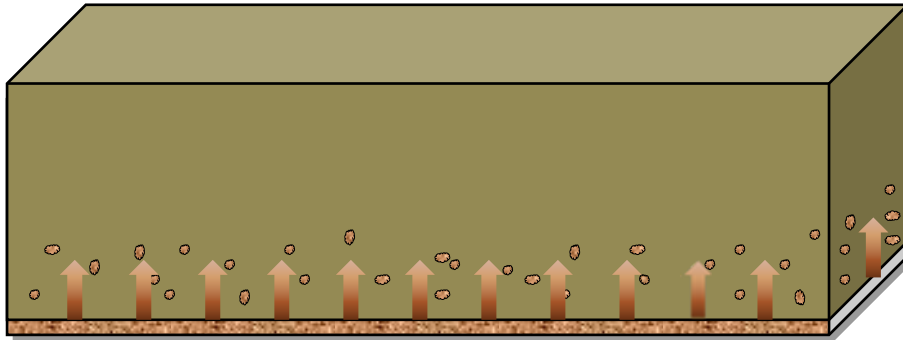


Impurities in fuel = clogged filters and sludge at bottom of fuel tank.

Valuable fuel is trapped in the sludge.



without ADERCO



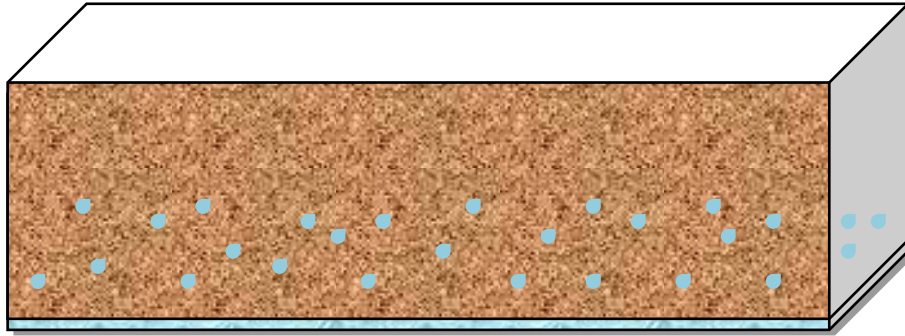
Sludge is broken down. Valuable fuel is released.



Tank remains sludge free.

with ADERCO





**Some water contamination sinks to bottom of tank.
The remainder forms an emulsion with the fuel.**

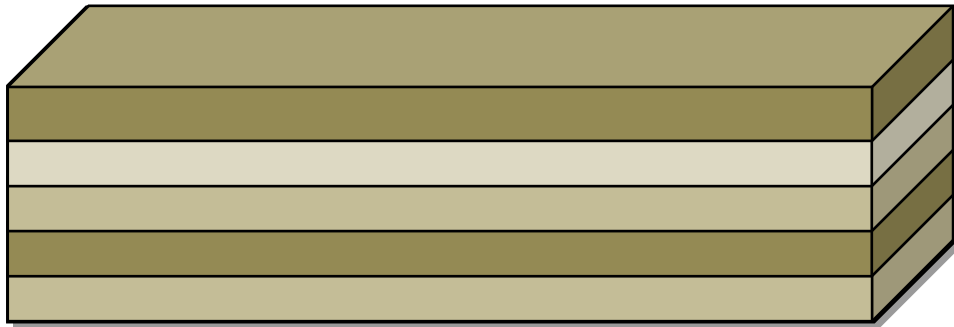


without ADERCO



Water is separated from fuel and can be run-off.





**Over time, problems such as
oxidation and stratification can develop.**



without ADERCO



**Fuel remains stable and homogenous
over prolonged periods of time.**

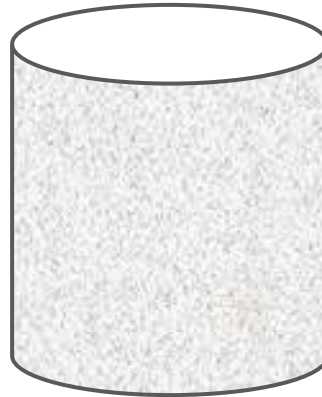




Filters become clogged and inefficient.

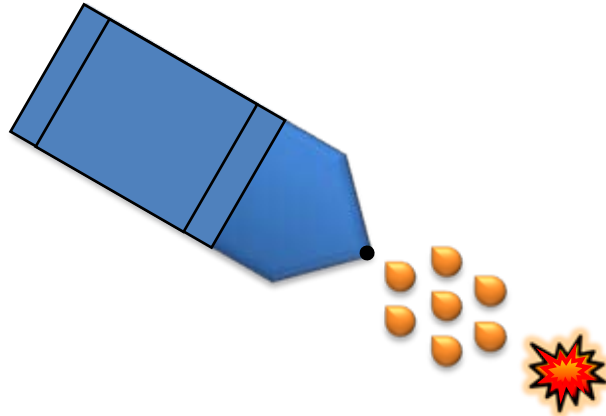


without ADERCO



Filters are cleaner and last longer.



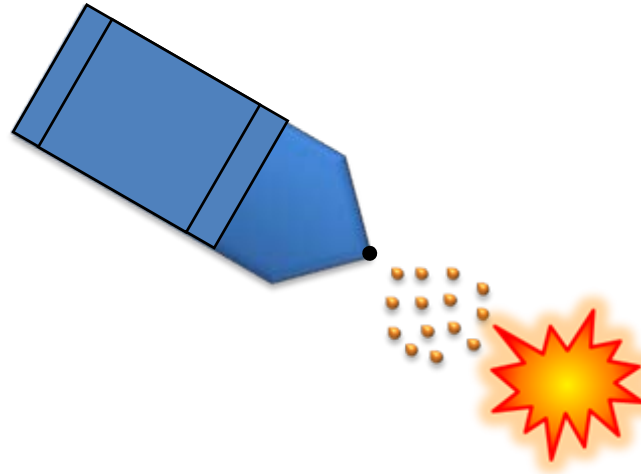


Poor combustion = reduced efficiency & lower power output.



without ADERCO

Droplets are finer and greater in number...



Improved combustion = greater efficiency & higher power output





**Impurities in fuel are too large to be burnt.
Combustion is poor and lubricating oil is contaminated.**



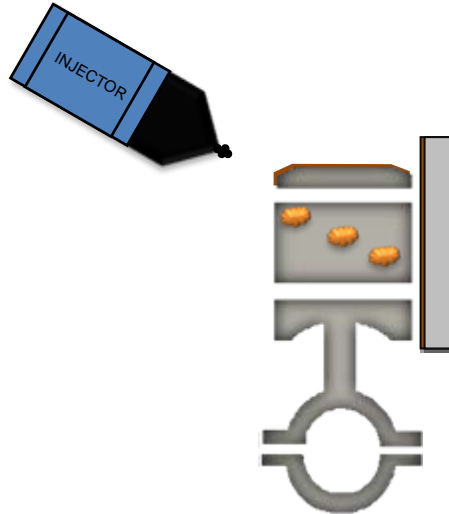
without ADERCO



**Impurities are broken down and more easily burnt.
Lubrication is improved and oil lasts longer.**



**Poor combustion = carbon deposits on the injector nozzles
& fuel residues on the engine components...**

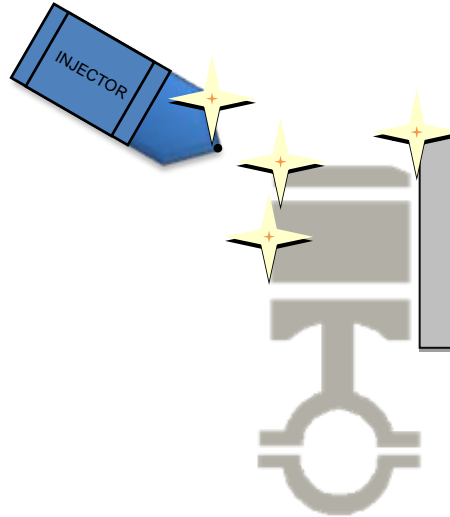


...which reduce performance and increase engine wear.



without ADERCO

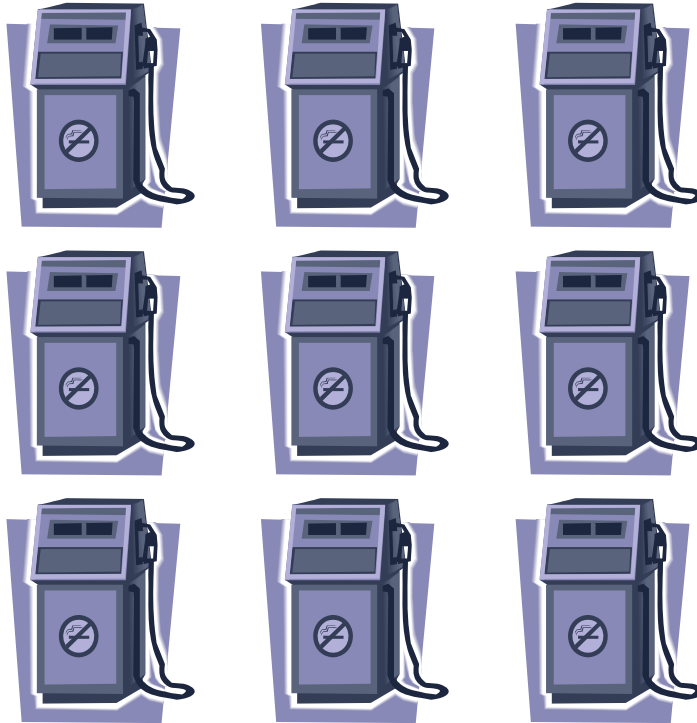
Engine is cleaned...



...performance and reliability are improved.



DURING COMBUSTION



without ADERCO



Fuel consumption reduced.

with ADERCO 

DURING COMBUSTION

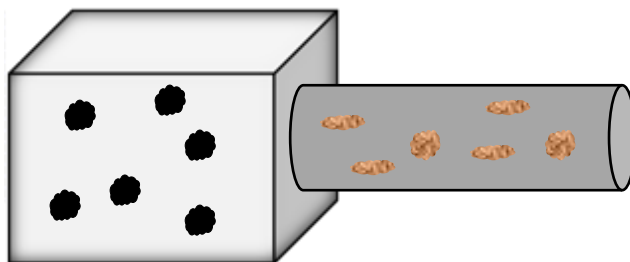


without ADERCO



Less maintenance. Fewer breakdowns. Fewer replacement parts.

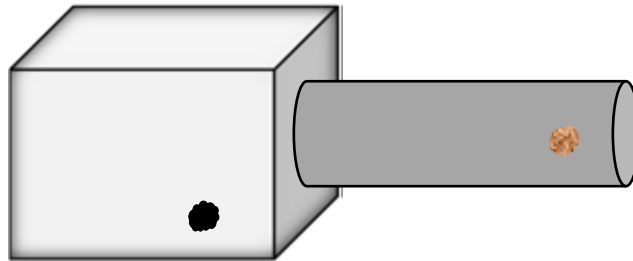
with ADERCO 



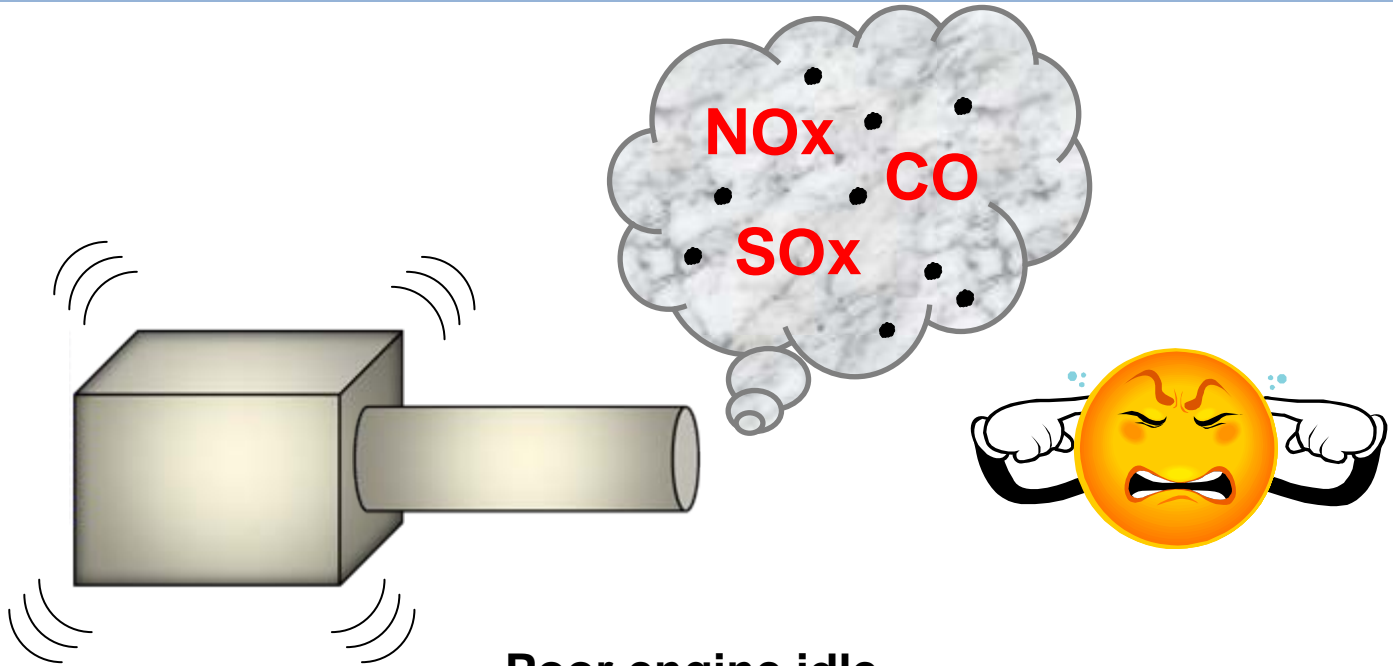
**Catalyst is dirty.
Exhaust system is corroded.**



without ADERCO



**Catalyst is cleaner.
Exhaust system is protected against corrosion.**

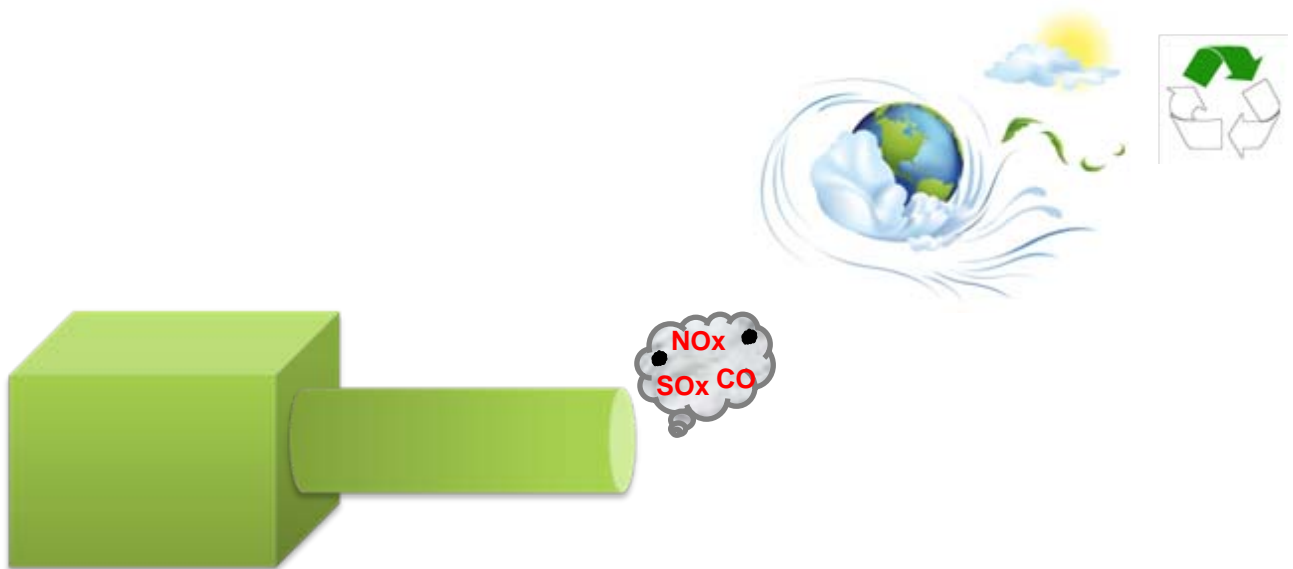


Poor engine idle.

Pollution: smoke & particulates; NOx,SOx, CO; noise.



without ADERCO



Smoother idle.

Reduced pollution.

Significant decrease in diesel particulate matter.

➔ *Efficiency*

- ✓ **Better performance**
- ✓ **Improved reliability**
- ✓ **Predictable, linear demand & supply**
- ✓ **Less emergency decision-making**

➔ *Economy*

- ✓ **Fewer replacement parts**
- ✓ **Lower fuel consumption**
- ✓ **Increased time between overhaul**
- ✓ **Less down-time: planned & unplanned**

➔ *Environment*

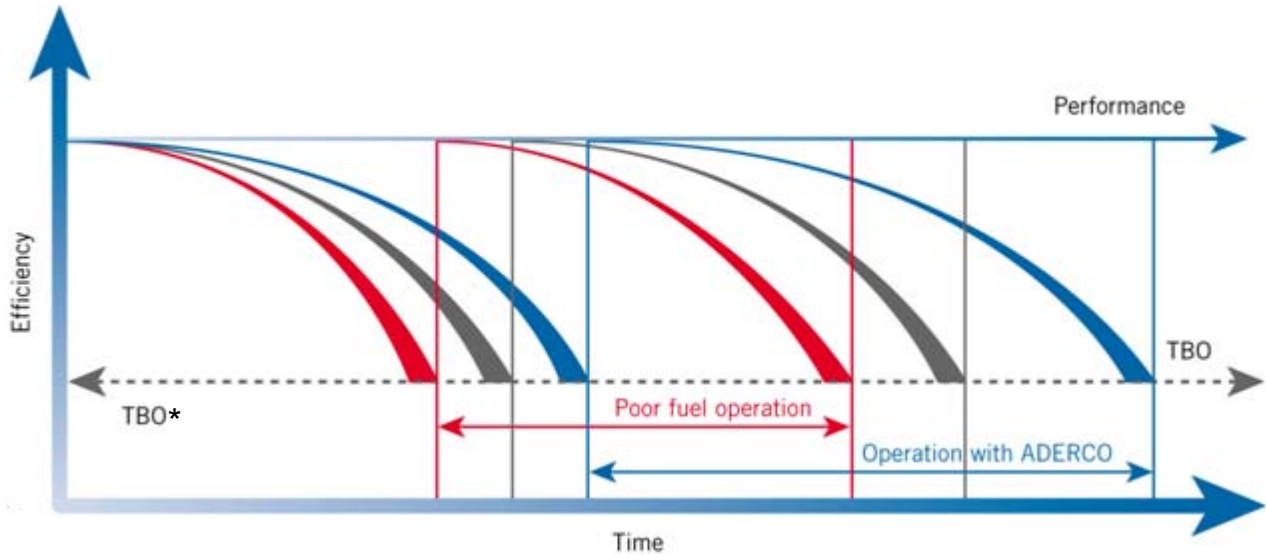
- ✓ **Lower gaseous emissions**
- ✓ **Less wastage, packaging & transport**
- ✓ **Less noise**
- ✓ **Significant reduction in diesel particulate matter**



The responsible choice for

- ➔ **Efficiency**
- ➔ **Economy**
- ➔ **Environment**

EFFICIENCY VS TIME: IMPROVED TBO WITH ADERCO



■ Poor fuel operation

■ Normal operation

■ Operation with ADERCO

* TBO: time between overhaul



- ✓ Over 30 years of experience exclusively in fuel additive technology
- ✓ More than 19 million tonnes of fuel treated per year – and increasing
- ✓ 100% organic

Distributed by **RedHill Trading Ltd**
Redhill House, Claverley
Wolverhampton, WV5 7DH
England

Tel : +44 1746 710 890
Fax: +44 20 7117 1012
info@rhtrd.com
www.rhtrd.com