



ALP.PFFC



PFFC

Do I Need A Pre-Filter Fuel Conditioner?

Road diesel & gasoil contains a percentage of bio-fuel (up to 7%) this provides an ideal breeding ground for diesel/gasoil

- Equipment is failing due to bugs in these modern fuels. Problems with contaminated fuel inside storage tanks is causing pump & or vehicle filters to block. In severe cases vehicles have stopped causing downtime & hefty repair bills.
- These issues are caused by microbial contamination (often known as diesel bugs which are micro-organisms that grow on water present in fuel). This problem has been known but contained for years until the age of the latest fuels.
- A tank becomes an incubator as the variation of temperature, condensation & now the added percentage of bio-fuel (which attracts water as it is hygroscopic) helps these bugs to flourish.
- Over a period of time living microbes grow into large colony forming units (CFUs) which get sucked into fuel supply lines blocking filters on dispensing pumps & vehicles. Microbial contamination is most commonly seen as sludge that forms in the bottom of storage tanks & accumulates on filters. This sludge also contributes to poor emissions (seen as black exhaust smoke).
- In addition to this even fuel with a small percentage of bio-fuel will act as a detergent cleaning the inside of the storage tank, pipework & valves allowing a dirt & sludge to be sucked up by pumps blocking filters.
- Pre-filter fuel conditioners break down the CFUs to less than 1 micron, the dormant microbes will not produce a colony & at 1 micron are small enough to pass through filters. These microbes will be consumed by vehicles engine during combustion. Any microbes passed through a fuel conditioner will remain dormant for a period of 28 days.
- Pre-filter fuel conditioners provide a safe & natural way of fighting microbial contamination, helping to keep fuel in top condition.
- Different sizes & flow rates available to fit suction & vehicle fuel lines.

Stk Code	Description
ALP.PFFC	Pre-filter conditioner 1½" (Fits pumps suction lines)
PFFC	Pre-filter conditioner 1"

Supplied by