

DiesoLIFT™ Additive Line || BENEFITS

DiesoLIFT™ is a performance-enhancing additive implemented at a recommended 1:600 dosage in diesel fuels (0.17% in volumes), which results in an effective improvement in diesel fuel properties.

The benefits gained from the treatment of diesel fuel with DiesoLIFT™ can be summarized as follows:

1. Fuel economy

- Proven fuel economy gain of 3-5% (7%+ in some applications)
- Successful engine tests carried out at the world's most renowned technical centers (i.e. SwRI/USA, Prodrive/UK, MI/UK) have proven the efficacy of DiesoLIFT™ in improving fuel economy

2. Significant reduction of pollutant emissions

- The treatment of diesel fuels with DiesoLIFT™ has a direct impact on the reduction of harmful emissions such as HC (Hydrocarbons), CO (carbon monoxide), particulates, and exhaust smokes
- Greenhouse gases such as CO₂ (carbon dioxide) and NO_x (nitrogen oxides) are also reduced due to the resulting reduction in overall fuel consumption

3. Lubricity improvement and friction reduction

- Tests carried out at industry certified independent laboratories have clearly demonstrated a significant lubricity improvement up to 50% in diesel fuels after treatment with DiesoLIFT™

4. Engine reliability and durability

- No engine damage or mechanical failure has ever been linked to the use of DiesoLIFT™
- Diesel fuel characteristics remain within standard specifications after treatment with DiesoLIFT™
- IFT has contracted a worldwide insurance policy for up to \$10 million dollars (USD) coverage against any risk of mechanical damages or failures proven to be directly linked to the use of DiesoLIFT™

All proven benefits above are the result of the main capabilities of IFT technology, which are:

- Atomization and combustion improvement
- Detergence and dispersion (fuel system cleaning)
- Formation of protective monolayer at the wall surfaces of engines and fuel systems resulting in significant lubricity improvement, improved oxidation stability, enhanced corrosion resistance, enhanced resistance to microbial contamination, and co-solvency (stabilization of residual water)

Test programs at research centers (standardized and controlled tests on both vehicles and engines) and on vehicle fleets remain continuously ongoing to further establish the benefits and performance of the IFT technology.