



DiesoLiFT™ Product Trial

DiesoLiFT™ is a fuel additive that improves the efficiency of diesel engines by the introduction of beneficial surfactant (surface active agents) molecules to the fuel without altering the standard fuel specifications. With the introduction of surfactants to fuel, the multiple characteristics of the fuel are positively enhanced.

Recent product trials of DiesoLiFT™ for a fleet of diesel trains in the UK has confirmed significant fuel savings without any loss of engine performance or change in reliability and maintenance. The study was independently conducted by Interfleet Technology (industry leading rolling stock consultants) to provide verifiable evidence of the benefits of using DiesoLiFT™ as a dosing additive into the fuel.

DiesoLiFT™ is available in variants to suit the type of diesel that is specified by the vehicle operator or regulatory authority. DiesoLiFT™ is for low-sulphur type diesels. DiesoLiFT™ 10 is the additive for non-low sulphur type diesel.

Details of Trial

Over several months, Interfleet Technology Ltd (ITL) conducted an independent fuel consumption trial on the fuel additive, DiesoLiFT™, on behalf of Unipart Rail.

The trial monitored a diesel multiple unit fleet to determine the exact fuel savings with sets running on both normal diesel and Diesolift fuels over the same period of time.

Comparison of the product on the same fleet, one using DiesoLiFT™ additive and one using normal fuel, ensured that the results were gained using information where the operational diagrams, vehicle mileages, rail conditions, passenger loadings and ambient weather conditions remained constant.

The trial concluded that the DiesoLiFT™ fuel additive returned an average **2.98%** fuel saving over the monitoring period.

The month on month fuel consumption results were very consistent, indicating that these were tangible savings offering significant financial and environmental benefits to users.

Conclusions

- The DiesoLiFT™ fuel additive trial, on the fleet of Diesel Multiple Unit vehicles, has shown a significant fuel consumption saving compared to standard diesel fuel.
- DiesoLiFT™ gave an average fuel saving of **2.98%**.
- There were no reports of any out of adverse engine maintenance or increased failure issues during the trial for vehicles which were using the DiesoLiFT™ fuel additive.
- The product can provide significant reductions in operating costs with added environmental benefits.



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