

Customized solutions for various applications

GEA Westfalia Separator provides practical solutions tailor-made to customers' needs not only in the agricultural industry, but also in petrol stations (for diesel locomotives or busses) as well as in the mining industry.

Benefits at a glance

- Extension of engine lifetime
- Reduction of operating costs
- Saving of filter components



Mobile compact unit with solid wall bowl for clarifying liquids or separating liquid mixtures with a max. solids content of 0.01 %



Mechanical Separation

GEA Westfalia Separator

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Increase Your Efficiency and Save Money

Cleaning diesel oil improves performance and reduces costs



Separation. Solution. Success.

Mechanical Separation / GEA Westfalia Separator

Diesel treatment protects high-performance engines

Diesel is not always diesel. Particularly in rough agricultural and industrial conditions, diesel fuel is frequently contaminated by condensation water and dirt particles mainly during transportation and storage.

This problem is particularly serious in the agricultural sector, where the major agriculture operations are increasingly using tractors and agricultural machinery from Western Europe.

With the small separators OTC 2 and OTC 3, GEA Westfalia Separator offers a tailor-made solution for the treatment of contaminated diesel oil: fast, reliably and efficiently.

The problem

A successful large agricultural operation requires a modern and efficient vehicle fleet. High-quality diesel fuels are required for this purpose; however, such high-quality fuels are not always available. Using inferior fuels can be detrimental to the modern high-tech diesel engines in common use. This can result in reduced efficiency due to high repair and maintenance costs.



Due to its small size, the separator OTC 2 is easy to transport and can therefore be used in the remotest regions.



Optimised vehicle fleet utilisation as a result of purified diesel oil increases the productivity of the operations

The solution

Use separators from GEA Westfalia Separator for reliable pre-processing of the diesel to remove condensation and dirt particles.

The separator is equipped with a disc-type bowl for clarifying liquids or separating liquid mixtures. The product flows through the product feed into the rotating bowl and is clarified or separated in the disc stack. The separated heavy liquid phase (water) flows over the external periphery of the separating disc and is discharged under gravity from the bowl. The purified diesel oil is discharged via the centripetal pump under pressure. The separated solids collect in the solids holding space and are removed manually.

The result

The reliable separation of water and solids with centrifugal separators ensures a long service life of the engines and assures trouble-free operation.

High flexibility

In addition to their high separating efficiency and ease of installation, the main advantage of separators from GEA Westfalia Separator is their flexibility. Contaminated diesel oil can either be processed directly upon delivery or after it has been stored.

Increasingly, manufacturers of agricultural machines are offering separators wherever the purest diesel oil is unavailable. This has dramatically reduced the number of complaints and has improved customer satisfaction significantly.