

## OEM approvals for Gd+ HVO Fuel

Gd+ HVO is approved by a growing list of engine manufacturers for all sorts of engines from heavy-duty to light-duty and from on-road to non-road as well as stationary engines. OEMs carry out their own verification of EN15940 fuels as well as EN590 fuels. OEMs adopt a conservative approach to changes in fuel quality as the engines are tuned to a specific chemistry. However, increasingly EN15940 fuels are being perceived as an important transitional fuel for internal combustion engines and specifically fuels such as Gd+ HVO which have the highest GHG savings (>90% saving in CO<sub>2e</sub> emissions). So far, no OEM (to our knowledge) has stated that Gd+ HVO is to be avoided. The list of specific approvals is constantly being revised and updated by Green Biofuels Ltd as OEMs complete their evaluations.



### List of OEM approvals for EN 15940

The following list includes OEMs that have approved the use of EN 15940 fuels (such as Gd+) for use in certain vehicles. To check that your model of heavy-duty vehicle or non-road vehicle can use Gd+, please check your handbook, contact the manufacturer, or request the information from GBF.

#### Heavy-duty road vehicles

- DAF
- Scania
- Volvo
- Mercedes Benz
- Renault
- Iveco
- Daimler

#### Non-road vehicles

- John Deere
- AGCO
- Caterpillar
- Steyr
- Scania
- MTU

#### Mixed

- Deutz – TCD engine portfolio
- Barton Petroleum – modern vehicles, generators, construction machinery and industrial power systems