

## PRESS RELEASE

### DEUTZ approves engines for HVO biofuel

- Engines that meet EU V emissions standard certified for HVO (hydrotreated vegetable oil)
- Innovative biofuel reduces carbon emissions by up to 95 percent
- Approval of biofuel gives DEUTZ customers another route to climate neutrality

Cologne, December 12, 2022 – With immediate effect, DEUTZ is approving its entire TCD engine portfolio for use with alternative diesel fuels. This means that paraffinic diesel fuels such as HVO (hydrotreated vegetable oil) can now be used to run all DEUTZ engines that meet the EU Stage V emissions standard, including the TCD 5.2 series. HVO is an innovative biofuel produced from biological waste, manure, and used cooking oils and fats and thus does not compete with food production. The use of HVO fuels reduces the carbon footprint of DEUTZ's engines by up to 95 percent.

“We are offering our customers more than one route to climate neutrality. The approval of additional fuels for our drives complements our E-DEUTZ program and our hydrogen activities. This represents another big step in our Taking Responsibility sustainability strategy,” says Dr. Ing. Markus Müller, member of the DEUTZ AG Board of Management with responsibility for technology and sales.

EN 15940-standard paraffinic fuel is compatible with fossil diesel, and the two fuels can be mixed and used in any ratio. Synthetic fuels, known as e-fuels, will complement paraffinic diesel fuels in the medium term. These e-fuels are produced using hydrogen generated with renewable energy, combined with carbon dioxide from the air or from industrial processes.

The Technical Circular ‘Fuels 0199-99-01218/6’ provides all the details on which fuels are currently approved for which engines. For more information, visit: [www.deutz.com/en/service/parts-and-liquids/operating-liquids](http://www.deutz.com/en/service/parts-and-liquids/operating-liquids)

The engine company.



Caption: The entire TCD engine portfolio has been approved for use with paraffinic diesel fuels such as HVO.

Credit: DEUTZ AG

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### **About DEUTZ AG**

*DEUTZ AG, a publicly traded company headquartered in Cologne, Germany, is one of the world's leading manufacturers of innovative drive systems. Its core competencies are the development, production, distribution, and servicing of drive solutions in the power range up to 620 kW for off-highway applications. The current portfolio extends from diesel, gas, and hydrogen engines to hybrid and all-electric drives. DEUTZ drives are used in a wide range of applications including construction equipment, agricultural machinery, material handling equipment such as forklift trucks and lifting platforms, commercial vehicles, rail vehicles, and boats used for private or commercial purposes. DEUTZ has around 4,750 employees worldwide and over 800 sales and service partners in more than 130 countries. It generated revenue of around €1.6 billion in 2021. Further information is available at [www.deutz.com](http://www.deutz.com).*