



2nd VegOil

Demonstration of 2nd Generation Vegetable Oil Fuels in Advanced Engines

**Workpackage 5
Engine Demonstration**

**Deliverable N° 5.1:
Four stage 3A compliant demon-
stration vehicles**

Publishable Summary

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List of acronyms

JD John Deere

VWP Vereinigte Werkstätten für Pflanzenöltechnologie



1 Summary

To demonstrate the vegetable oil capability of stage 3A John Deere tractors, a total of four serial tractors was converted in cooperation with VWP to run on 2nd generation vegetable oil. The conversion was carried out by VWP at the JD workshop in Mannheim. Before the conversion, JD workshop mechanics prepared the tractors.

After the conversions, all tractors were evaluated on JD test benches where performance and system functionality was approved. These measurements will also serve as a reference for later performance measurements.

More detailed information can be found in deliverable 5.8: Fourteen stage 3A compliant demonstration vehicles.



Figure 1 6930 Premium tractor of JD demonstration fleet