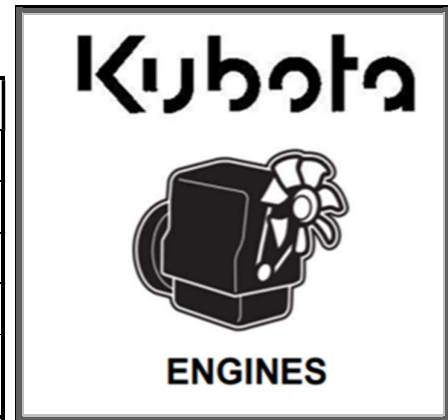


# SERVICE BULLETIN

Dealers	OEM Engine Bulletin
Reference	ENG 211
Model	All Kubota Diesel Engines
Date	February 12th 2021
Status	Service Information
Subject	<b>The use of HVO fuel in Kubota diesel engines</b>



Kubota (UK) Limited have been receiving an increasing number of queries regarding the use of **Hydrotreated Vegetable Oil (HVO)** and this bulletin serves to inform of Kubota's position regarding its use.

Kubota engines are fully certified as being compliant with the latest European emission regulations which are both demanding and stringent in their requisite standard for the engines to produce a known specified and clean output. Much research and development has been carried out on our injection, DOC and DPF technology to achieve these EU emission standards whilst being run on the only specified fuel for these tests which is **conventional diesel fuel**, in Europe this is specified as being to an **EN590 standard**.

**Thus Kubota would strongly advise against altering any of the engines fuel setting (including the fuel type), injection and emissions equipment as this may result in the engine creating a non-compliant output contrary to the regulations or may alter the engine behaviour to load and/or ambient conditions.**

Kubota Engineering may have or may not have tested HVO in its engines, however, whatever the case may be, Kubota Corporation has never published any findings on the benefits or disadvantages of using HVO fuels. Therefore it is hoped that it would be reasonably understood that without carrying out alternative HVO fuel type testing, Kubota cannot offer a qualified opinion or advice on how the usage of HVO fuel may affect emission outputs relative to the EU standard required by law or how they may positively or negatively affect the engines performance, emission outputs, reliability or long term durability.

At this time Kubota Corporation have not informed by means of a Service Bulletin or any other medium, that the use of HVO fuel is approved for use in any of the Kubota diesel engine range.

**Customers who choose to use HVO fuel in their machinery should be made aware that they do this at their own risk, that its use may invalidate the warranty applicable to the engine and may also infringe EU emissions regulations.**