

Paraffinic diesel (HVO/GTL) according to EN 15940 has been included in the certification documentation for the 430 and 448 Stage V engines.

JCB Machines fitted with the following engines can be operated on HVO or "synthetic" fuels so long as these fuels meet both EN15940 and ASTM D975 standards. Standard warranty terms & conditions apply.

JCB 430, 444, 448, (Stage IV)
Cummins QSB6.7 (Stage V)
Cummins QSB 6.7L - T4
Cummins BTA 5.9C - T2
Cummins BTAA 5.9C - T2
Cummins 6CT 8.3L - T2/T3
Cummins QSM 11L - T2/T3
Perkins 400D & 400F

There are three caveats which you should be aware of :-

1. We are yet to complete testing on engine out emissions performance when using these diesel fuel substitute products. We are therefore unable to verify any claims made by the fuel suppliers regarding emissions output.
2. Engines used by JCB but not listed above - We are yet to receive approval from those engine manufacturers regarding the use of synthetic fuels
3. It is possible due to the lower density (up to 10%) and energy value of synthetic fuels that increased fuel consumption and/or reduced power output of the machine may result.

Regards,

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