

PRESS RELEASE

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NEW HVO FUEL SENSOR UNVEILED BY KUBOTA AT BAUMA

Sensor detects whether machine is running on HVO or regular diesel.

Kubota announces the development of a new engine with a fuel monitoring sensor, developed by SUN-A, which can detect the blend of fuel which is being used in off-highway equipment – a likely vital tool in the future as the mandatory use of Hydrotreated Vegetable Oil (HVO) becomes more widespread.

The sensor, which fits inside a fuel filter assembly, will be on display on a Kubota 3.8 L diesel engine on the company's stand at Bauma 2025.

The sensor can detect the fuel type in use in a machine – a subject which is becoming an increasingly important topic especially among rental companies and other end users.

Whereas there was a previous focus on sensors only detecting the amount of possible water moisture in fuel, the new Kubota sensor goes further by measuring and monitoring the level of bio-content in a fuel.

This is likely to become an even more important subject in the future if pressure grows for legalised, audited, fuel monitoring requirements.

The prototype of the new sensor is already working.

HVO, which is synthesised from vegetable oil and fat, is becoming increasingly popular as an alternative fuel due to its environmental benefits which lead to reduced engine emissions.

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About Kubota

Since its founding in 1890, the Kubota Group has been working to solve social issues through superior products, technologies, and services in the areas of food, water, and the environment. We operate in more than 120 countries around the world, providing solutions to enhance the productivity and safety of food, promote the circulation of water resources and waste, and improve urban and living environments. Under our brand statement "For Earth, For Life," we promise to continue supporting the prosperous life of humans while protecting the environment of this beautiful earth. For more information on the Kubota group, please visit: <https://www.kubota.com/>

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