

OEM APPROVALS

VOLVO TRUCK CORPORATION

Vegetable oils and/or esters of vegetable oils, also called Biodiesel, such as for example rape methyl-ester (RME) are available on certain markets both as pure state and as a mixture in diesel fuel.

Volvo Truck Corporation does not accept more than 5% RME in diesel ready mixed from the oil company since nitric oxide emissions increase drastically and the injection system can be damaged. Volvo does not intend carrying out long-term tests on engines for these fuels as no standard exists. If, in spite of this, the customer wishes to use fuels based on vegetable oils, we recommend that the oil change intervals be halved in order to eliminate the risk of dilution of the engine oil. It is the oil companies who are responsible for ensuring that the mixture meets the diesel standards. The customer must not add mixtures in the Biodiesel in the diesel tank afterwards.

The cold properties for these fuels are not particularly good. Pure RME can produce deposits already at -10°C . They even have washing like characteristics which causes faster clogging of the fuel filters.

For further information contact:
Volvo Truck Corporation



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