

Document Title: Fuel, specifications (EU certified engines)	Information Type: Operator's Information	Date: 11/02/2021
Profile: A30G Volvo	Location: Fuel system/Specifications	

Fuel, specifications (EU certified engines)

Showing Selected Profile

Valid for serial numbers			
Model	Production site	Serial number start	Serial number stop
A30G Volvo			

D11L engines with exhaust aftertreatment/D11M engines with exhaust gas recirculation (EGR) and with exhaust aftertreatment

Diesel engines from 2011 and later are only intended to be run on sulphur-free fuel, with a maximum sulphur content of 10 ppm. Using any other fuel than sulphur-free fuel results in an engine with lower efficiency and shorter service life, permanent damage to advanced emission control devices and systems, inferior fuel economy, and possibly that the engine does not work at all.

Correct selection of fuel is decisive for good economy, performance, and engine life. Market fuel that meets CEN diesel fuel standard EN 590:2013 or European Fuel Quality Directive 98/70EC shall be used. Other fuels such as HVO (Hydrotreated Vegetable Oil), GTL (Gas-To-Liquids), CTL (Coal To Liquids), BTL (Biomass-To-Liquids), and Swedish Environment Classification 1 (MK1) diesel fuel are also allowed, if they meet the above standards and directives.

It is important that the fuel is not contaminated by dust or water since these can cause damage to the fuel system and also increase engine wear. The cleanliness of the fuel in the machine's fuel tank must therefore be ISO 18/16/13 or cleaner in accordance with ISO 4406 or ASTM D7619.