

ABSTRACT

Fuel Supply Control Device for Diesel Engine

The invention provides a fuel supply control device that makes it possible to stably operate a diesel engine for an extended period of time using mixed oil containing unpurified waste oil and petroleum-based fuel oil.

A diesel engine fuel supply control device which supplies mixed oil containing petroleum-based fuel oil and unpurified waste oil to a diesel engine 12 as fuel is configured to regulate the amount of waste oil supplied from a first fuel tank 32 to fuel mixing means 36 and the amount of petroleum-based fuel oil supplied from a second fuel tank 34 to the fuel mixing means 36 by controlling waste oil quantity regulating means 38 and petroleum-based fuel oil quantity regulating means 40 on the basis of a mixing ratio set by mixing ratio setting means of an ECU 44. This makes it possible to stably operate the diesel engine for an extended period of time and greatly increase the ratio of use of waste oil.

Diagram 1