

Shell FuelSave Diesel B0 Dyed for "off road"

Dyed high-quality diesel for e.g. agriculture and forestry

Description

Shell FuelSave Diesel B0 Dyed is a low viscosity gas oil with a boiling range from ca.200°C. to approx. 360°C. There is NOT added any bio component to Shell Diesel B0. Shell Diesel B0 belongs to the Group of flammable liquids under fire hazard class III-1 (The flash point is above 55°C., but less than 100°C., and is not miscible with water in any ratio).

Application

Shell FuelSave Diesel B0 Dyed is used as fuel for diesel engines in the agricultural market. Shell FuelSave Diesel B0 Dyed is developed to meet the stricter requirements for the fuel for modern high-performance diesel engines.

Shell FuelSave Diesel B0 Dyed is formulated with Shell's advanced DYNAFLEX technology, which is designed to help provide e.g. the following benefits:

- efficient engine operation.
- prevention the build-up of deposits on the nozzles, and thus achieve better combustion.
- enabling to refueling at high speed because of reduced foaming.
- protection against rust formation in tanks, pipes, nozzles, and other equipment.

Specification

Shell FuelSave Diesel B0 Dyed meets the requirements for gas oil for use in tractors and mobile non-road machinery according to the latest version of the EU standard for diesel, EN 590. Shell FuelSave Diesel B0 Dyed is added a colored agent according to the Ministry of Taxation and may only be used for purposes specified in the regulation. Shell FuelSave Diesel B0 Dyed must not be used in registered on road vehicles.

Typical Data

Shell FuelSave Diesel B0	Method	Data
Density at 15 °C, g/l	ASTM D 1298	815-845
Viscositet at 40°C, cSt	ASTM D 445	2,0-3,7
PAH, max. %	IP 391	8,0
Flash Point, min. °C	ASTM D 93	56
Sulphur, max. ppm	ASTM D 5453	10,0
Water, max. mg/kg	ASTM D 1744	150
Conradson Carbon Residue - at 10% distillation residue, max. weight%	ASTM D 189/4530	0,15
Cetan Number, min.	ASTM D 613	51
Distillation T 95%, max. °C	ASTM D 86	360



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Cold Flow Properties

Period	Winter (1/12-31/3)	Summer (1/4-30/9)	Autumn (1/10-30/11)
Cold Filter Plugging Point (CFPP), max. °C	÷20	÷10	÷15
Cloud Point, max. °C	÷10	0	÷7

Typical Environmental Data

Shell FuelSave Diesel B0	Data
SO ₂ emission per. l fuel, g/l	0,02
CO ₂ emission per. l fuel, kg/l WtW	3,33*
CO ₂ emission per. l fuel, kg/l TtW	2,70*

*Ref. klimakompasset.dk

Typical Energi Data

Shell FuelSave Diesel B0	Data
Lower calorific value, typical MJ/kg	42,7
Energy Content, typical kWh/l	10

Safety Data Sheet

Refer to "Safety Data Sheet for Shell FuelSave Diesel B0 Dyed for off road". The instructions for use contain information on, inter alia: hazardous properties, first aid, spillage and fire prevention and transport classification information.

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