

# Shell Diesel B0 for "off road" use

## Quality Diesel for "off road" use

### Description

Shell Diesel B0 is a low viscosity gas oil with a boiling range from ca. 200°C. to approx. 360°C. 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 Diesel B0 is an undyed product for diesel engines used for e.g., leisure marine or for stationary generators. Shell Diesel B0 is formulated with quality improving additives.

Shell Diesel B0 is without bio components and hence does not contribute to any reduction of Green House gasses as e.g., diesel B7 with 7% biocomponent.

### Specifikationer

Shell Diesel B0 fulfills the latest edition of the EU-norm for diesel, EN 590.

### Typiske analysedata

Shell 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
Destillation T 95%, max. °C	ASTM D 86	360

### 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



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## Typical Environmental Data

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Shell Diesel B0	Data
SO <sub>2</sub> emission per. l fuel, g/l	0,02
CO <sub>2</sub> emission per. l fuel, kg/l	2,70*

\*TTW ref. klimakompasset.dk

## Typical Energi Data

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

## Safety Data Sheet

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Refer to "Safety Data Sheet for Shell Diesel B0 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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