

Difference Between Petrol And Diesel Engine

Both petrol and diesel are obtained from crude oil that has been squashed deep in the bowels of our planet. Both are equally ubiquitous: diesel powers larger engines, such as those of trucks, boats and cranes, while petrol powers smaller engines, such as those of cars and bikes.

The primary difference between diesel fuel and petrol is chemistry. Diesel has more long-chain hydrocarbons while petrol has a shorter chain. Diesel is specifically made of alkanes with a chain length of 12 or more carbon atoms while petrol is made of a mix of alkanes and cycloalkanes containing 5 to 12 carbon atoms.

This petrol has a density of 0.77 g/cm³ and lowest heat power of 43400 kJ/kg. Diesel represents a fraction of oil with a boiling temperature range of 180 °C to 360 °C which partially overlaps with the range of kerosene. Diesel's density is 0.84 g/cm³ and the lowest heat capacity is 42500 kJ/kg.

Difference Between Petrol & Diesel Cars Cost: The diesel type of cars cost more than the petrol variant. For those cars which cost less than 10 Lakhs, the showroom price between diesel and petrol variants differs from 1 to 1.5 Lakhs. The difference in the on-road price of cars for petrol and diesel car variants will be even more.

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Difference-between-Petrol-and-Diesel-Engine

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The major Difference between Petrol vs Diesel Engine Cars ...

The main difference between petrol and a diesel engine is the way they work and Use their fuels. What happens in a petrol engine is that at first the fuel is mixed with air, then pistons compresses it and after compression it is ignited by spark plugs.

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