Gasoline and Diesel: which is more efficient in the engine?

how far can you go?

Here we are going to look at the horsepower and miles per gallon on the 2007 Volkswagen Jetta that comes in both diesel and gasoline powered engine.

gasoline  diesel

city driving

highway driving

330 miles

500 miles

On a full tank of fuel the diesel is going to go 170 miles further than gasoline, it can travel almost 500 miles on one tank.

which has the power?

This is how the power of an engine is measured. When the temperature increases the pressure of the gas molecules, that pressure moves the piston down. That power is measured in power of horses. 1 horse is equivalent to 550 foot-pounds per second of movement.

This is the piston found in the engine of both gasoline and diesel cars. The reaction of gas molecules (due to heat and pressure) is what causes the engine to perform and generate the statistics seen above.