



Diesel locomotives are powered by Diesel Engines.

Diesel engines have compression ignitions which are used to start the engine. This means fuel in the engines cylinders ignite by the heat, which is caused by the air suddenly being compressed in the cylinder. The air gets compressed into an area 1/25th of its original volume and increases the air temperature to over 800 degrees Fahrenheit!

Did you know that is the same temperature as the planet Mercury and almost the same temperature of the inside walls of an oven?



Let's test your engine knowledge now!

Question 1: Can you name 5 vehicles that use diesel engines?

Question 2: Can you think of 5 more substances or objects that are extremely hot?

Question 3: What is the other type of engine widely used in cars?

Name _____ Age _____

