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chambers, and
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combustion processes. To counter friction, heat and wear, lubrication to the different moving parts is important. To counter excessive heat which can cause breakdown of lubricating oil films and materials such as

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**gaskets, O-rings,
the engine is
designed with a
cooling system
that uses air,
water, or engine
coolants. Petrol
engines use the
carburation or
injection type of
fuel delivery;
diesel engines
use a high
pressure system**

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**of fuel injection
owing to the
higher pressures
existing in the
diesel
combustion
chamber. The
text explains the
operation of the
other parts of the
vehicle including
the ignition and
starter system,
emission**

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applications to
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smart objects
and smart
processes via
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and machines
can be enabled
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