

Engines need oil, not only to lubricate moving parts and minimise wear, but also to maximise power output and to improve fuel economy. Another major function of oil in the engine is distribute heat away from hot spots created by the combustions taking place from within the engine itself

How Engine oil works

Beating friction

Without oil, the moving surfaces inside your engine will rub together, heat up and melt, quickly causing the engine to seize. Engine oil creates a film which separates these moving parts, preventing wear and heat build up.

Cooling hot spots

Temperatures inside the engine can exceed 1000 degrees celcius. The engine oil circulates and acts as a coolant, transferring heat from the hot spots to the sump.

Cleaning the engine internally

Good quality engine oils clean the inside of your engine, collecting and dispersing combustion deposits and controlling them until they are trapped by the oil filter or flushed out by performing an oil change. For information on completing an oil change on your vehicle, please check in our guides and howto section

Oil care - follow the code

To handle and dispose of used engine oil safely, always:

Avoid skin contact with used engine oil. Repeated or prolonged contact can be harmful.

Dispose of used oil and empty packs in a responsible manner. To find your nearest authorised disposal site call 0800 663366. Never tip oil down drains or onto the ground.

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