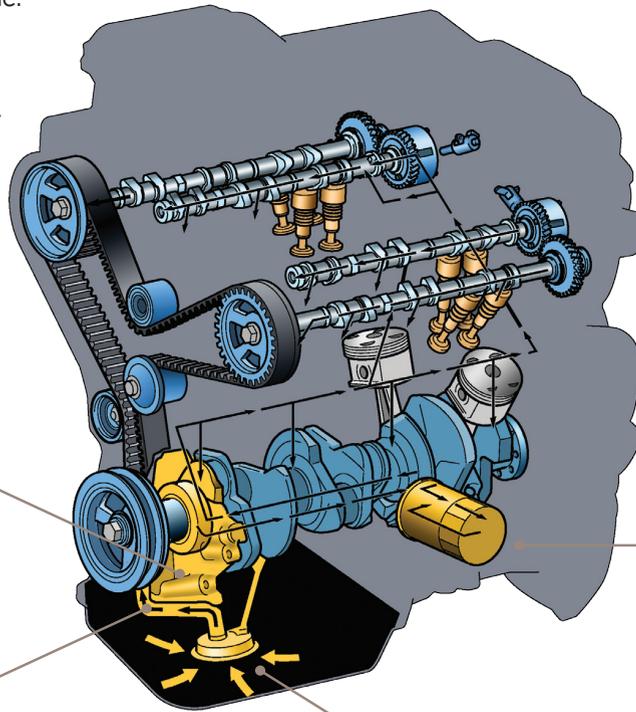


ServiceFocus

Lubrication System

Oil prevents metal to metal contact between moving parts of the engine. The lubrication system pumps oil throughout the engine and to the oil filter to be cleaned.



Oil Pump
Takes oil collected in the oil pan and pumps it under pressure to each part of the engine.

Relief Valve
Relieves excessive oil pressure.

Oil Strainer
A metal screen installed at the oil inlet which removes large particles from the oil.

Oil Pressure Switch
Activates a warning lamp if the oil pressure is insufficient.

Oil Filter
Engine oil gradually becomes contaminated with metal chips, etc. The oil filter removes these undesired substances from the oil.

Product Focus

Manufacturer's Genuine Motor Oil

What is it?

- Manufacturer's Genuine Motor Oil protects the engine from energy loss, heat and wearing of contact surfaces caused by friction occurring in the engine. Manufacturer's Genuine Motor Oil has five functions: lubrication, cooling, sealing, preventing corrosion and cleaning.

What does it do?

- **Lubrication:** Motor oil forms an oil film on contact areas to reduce friction to prevent wearing, energy loss, and seizing.
- **Cooling:** Motor oil also absorbs heat from engine parts that become hot from the heat of combustion and the heat produced by friction. The oil then helps to radiate this heat to the outside of the engine.
- **Sealing:** Creating an oil film between the piston and cylinder seals the compressed gas and combustion gas in the combustion chamber to prevent a loss of power.
- **Preventing Corrosion:** Motor oil protects the engine from oxygen and water present in the engine to prevent rust and corrosion.
- **Cleaning:** Motor oil also washes away sludge, soot, and other substances that build up inside the engine to keep the engine clean.

When to replace?

- Manufacturer's Genuine Motor Oil and filter should be replaced according to the manufacturer's required maintenance schedule.



Features

- Manufacturer's Genuine Motor Oil is available in two different types: Mineral and Synthetic. Both maintain the quality of your Lexus engine. Manufacturer's Genuine Motor Oil is a unique combination of oil base stocks (mineral or synthetic) and a special additive package that promotes optimum engine performance.

Product Focus

Manufacturer's Genuine Synthetic 0W-20 Motor Oil

What is it?

- Manufacturer's Genuine Synthetic 0W-20 Motor Oil is man-made and its composition is set to meet exacting specifications. For vehicles operating in extreme environments, synthetic motor oil offers an extra measure of protection.

What does it do?

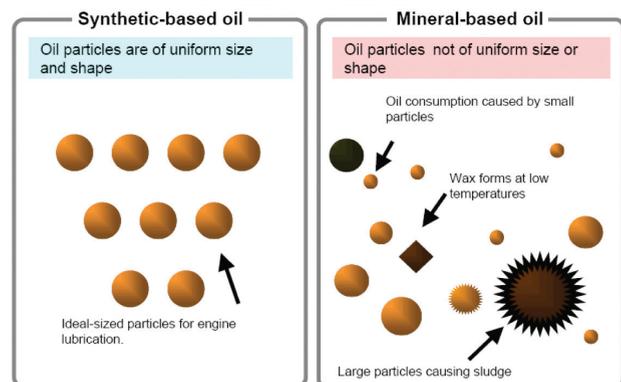
- Protects your engine and performs better than conventional oil in both cold and hot temperatures.
- Controls engine friction, especially at low temperatures, improving fuel economy and performance.
- Controls on-going wear and deterioration to help extend engine life.

When to replace?

- The oil and filter should be replaced according to the manufacturer's required maintenance schedule.

Features

- Flows at a far lower temperature than conventional oil, as low as -32°C .
- Improves fuel economy compared to conventional motor oils.
- Withstands the extremes of very high engine temperatures without thermal breakdown and maintains viscosity control.
- Excellent low and high temperature performance combine to produce a single all-season lubricant suitable for extreme weather conditions.
- Faster cold weather starts.
- Reduced engine deposits for a cleaner running engine.



Product Focus

Manufacturer's Genuine Oil Filters

What do they do?

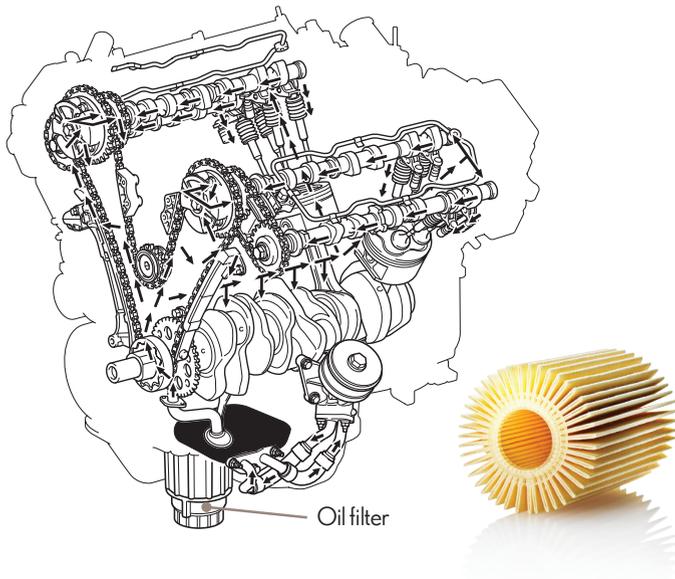
- Engine oil filters remove harmful particles from the oil, protecting your engine and prolonging its life.

Why replace them?

- Oil is constantly being contaminated with carbon, moisture, blow-by gases and microscopic metallic grit.
- These contaminants accumulate in the filter over time, reducing its efficiency and restricting oil flow.

When to replace?

- Oil filters, along with your engine oil, should be replaced according to the manufacturer's required maintenance schedule.



Check & Relief Valves

Durable, heat-resistant rubber for long-lasting performance. Relief valve lets some oil flow even if the filter is clogged. Check valve ensures oil is ready at start-up.



Dual Texture Element

Ensures effective filtration and resistance for superior performance through the filter's life.

Sealing

Uses premium gasket material and precision-machined threads for an exact fit that will not leak.

Element Oil Filter

Element oil filters are being introduced on new Lexus vehicles as they offer the same filtration qualities as a cartridge type however reducing the use of metal helps lessen our impact on the environment.

Product Focus

Manufacturer's Engine Oil System Cleaner

What does it do?

- Helps eliminate oil sludge, carbon deposits and varnishes.
- Protects the engine's components and helps improve the lubrication system.
- Helps restore engine compression.

When to use it?

- Every 60,000 kilometres or sooner if required.

Directions for use

- Prior to oil change, with the engine warm, pour the contents of one bottle into the engine oil crankcase. Then run the engine at idle for 15 minutes. Change the oil and replace the oil filter.

Features

- Engine oil system cleaner is specifically designed to pre-clean and protect engine surfaces.
- Keeps new motor oil at maximum operating performance.

