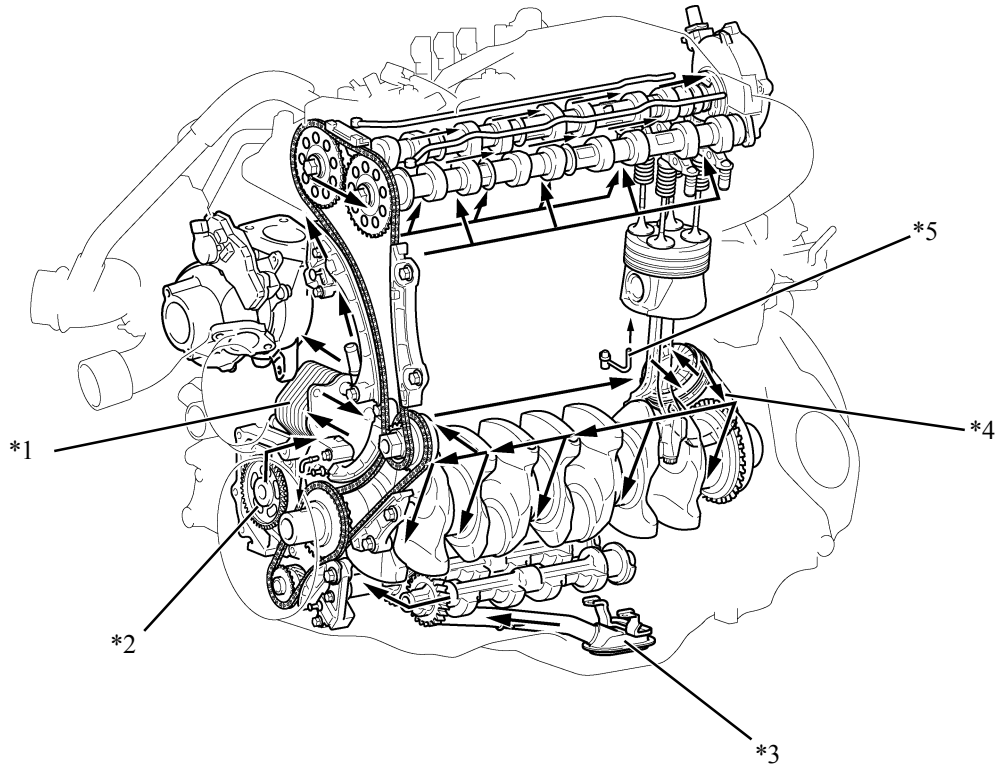
1GD-FTV LUBRICATION

■ GENERAL

1. Outline

- The lubrication circuit is fully pressurized and all oil passes through an oil cooler and an oil filter.
- A trochoid oil pump driven by a gear engaged with the crankshaft is used.
- A water-cooled type engine oil cooler is located on the cylinder block sub-assembly.
- An aluminum laminate type oil cooler assembly is used to achieve weight reduction and high efficiency heat exchange.
- No. 1 Oil nozzle sub-assembly that lubricates and cools the piston is provided.



Text in Illustration

*1	Oil Cooler Assembly	*2	Timing Chain Cover Sub-assembly · Oil Pump
*3	Oil Strainer Sub-assembly	*4	Oil Filter
*5	No. 1 Oil Nozzle Sub-assembly	-	-