



Product group Oil pumps PTA420-....

General information

Function:

Oil pumps ensure that all moving parts of the combustion engine are sufficiently lubricated with engine oil.

When the engine is running, the engine oil is drawn in from the oil pan by the oil pump, where the lubricant is brought to a constant pressure and delivered to the individual lubrication points of the unit via the engine oil filter.

Attention:

Before replacing the oil pump, the surrounding peripherals must be checked and the cause of the fault must be determined and rectified. It is essential to follow the vehicle manufacturer's technical service and maintenance instructions.

PartsTec generally recommends replacing the oil pump chain drive, the oil suction strainer and the oil pressure regulating or holding valve for this work.

Possible common causes of oil pressure problems:

- Engine oil level too low
- Viscosity class of engine oil not approved by the vehicle manufacturer used
- Contaminated or used engine oil, which can clog the engine oil filter or the oil pump strainer and ensure that not enough engine oil reaches the individual lubrication points
- Engine oil pressure too low due to material deposits or oil sludge
- Blocked, clogged oil ducts or oil bores
- Mechanical wear of the individual components, e.g. bearing damage, worn piston or oil scraper rings, etc. oil scraper rings etc.

PartsTec offers a wide range of oil pumps and related repair kits in this product group.



Oil pump



**Control housing cover with
integrated oil and water pump**



**Oil pump set with complete
periphery**