

(example)

- 1 Lubricating oil sump
- 2 Lubricating oil pump
- 3 Pressure limiting valve
- 4 Cylinder (lubricating oil-cooled)
The lubricating oil is used first to cool the engine.
- 5 Cylinder head
- 6 Cooling valve housing (exhaust gas recirculation)
- 7 Lubricating oil return from the cylinders
- 8 Rocker arm
- 9 Lubricating oil collection pipe to the thermostat
- 10 Thermostat
(engine cold) lubricating oil flow directly to the lubricating oil filter
(engine warm) lubricating oil flow through the lubricating oil cooler
- 11 Lube oil cooler
- 12 Lubricating oil filter
- 13 Main lube oil channel
- 14 Pressure holding valve
- 15 Connection possibility for cab heating
The standard pressure holding valve must be replaced by a combination for this. Retrofitting only by authorised qualified personnel.
- 16 Lubricating oil filter console with integrated switching valve for controlling the hydraulic tappet.
When the engine is cold, lubricating oil is fed to the hydraulic tappet.
To achieve early adjustment of the fuel injection in a cold start, the hydraulic tappets under the fuel injectors are supplied with lubricating oil.