



1. FILL CAP FOR ENGINE OIL
2. FUEL FILTER (2)
3. FUEL INJECTION PUMP
4. COOLANT PUMP
5. AIR COMPRESSOR
6. VIBRATION DAMPER
7. OIL FILTER (2)
8. OIL SUMP
9. ALTERNATOR
10. TURBOCHARGER
11. DIPSTICK, ENGINE OIL
12. FAN DRIVE
13. OIL COOLER
14. TIMING CASE

**NOTE:** Engine 1006-60 YG is similar but without turbocharger

FIGURE 2. ENGINE 1006-60T YH

## DESCRIPTION

The cylinder head is cast iron and has one inlet valve and one exhaust valve for each cylinder. The valve seats and the valve guides are replaceable. The fuel injectors are in the cylinder head. The overhead valve assembly is actuated by a camshaft inside of the engine block. A gear train, turned by the crankshaft, turns the camshaft, cool-

ant pump, injection pump, and a power-takeoff (PTO) is available for additional equipment. The hydraulic pump for the steering function or a compressor is normally turned by the PTO. The fuel pump is actuated by the camshaft.

The crankshaft in the 6-cylinder models have seven main bearings. The crankshaft in the 4-cylinder models

# Perkins 1004 Manual

**Clemens Wendtner**



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