

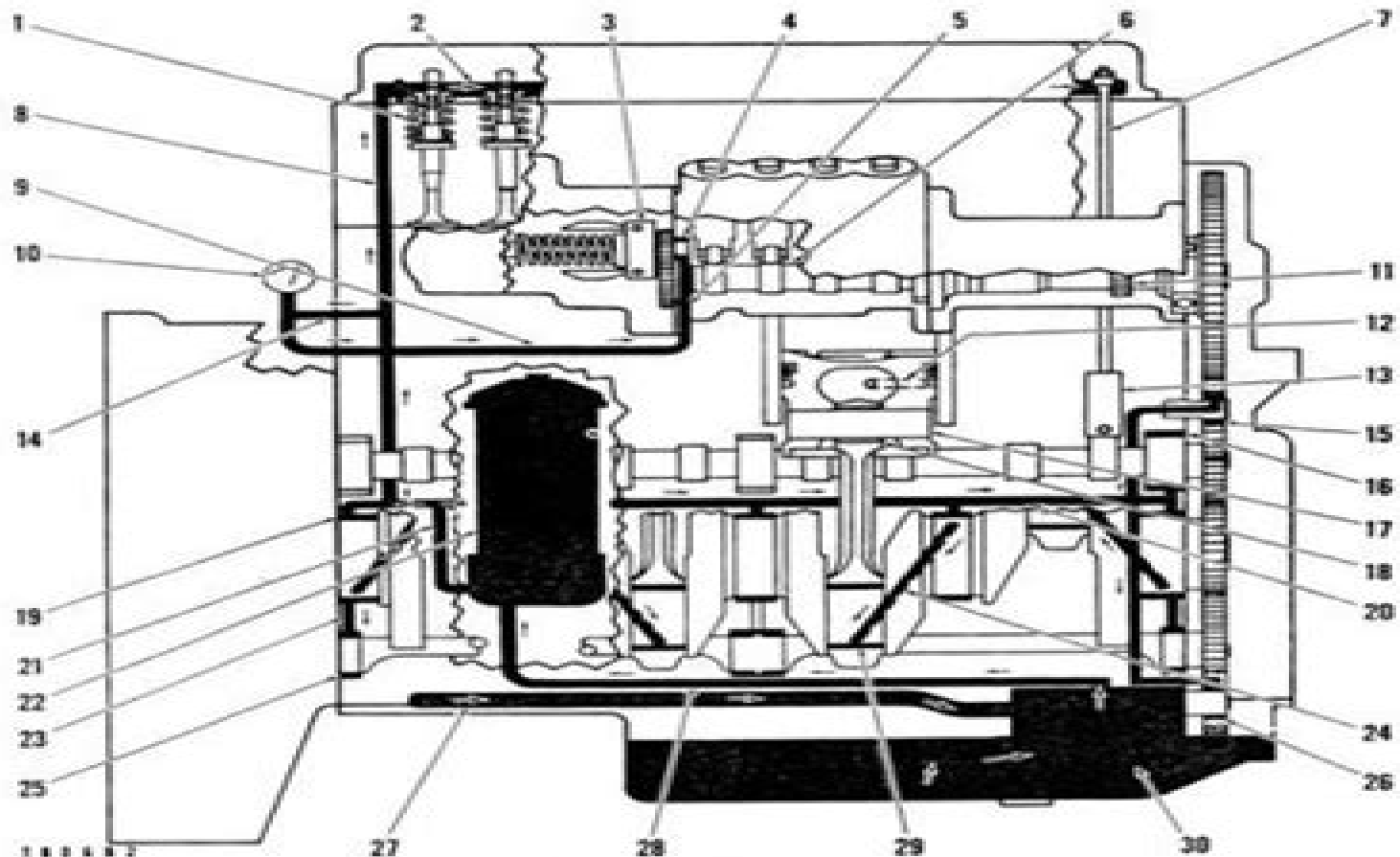
ENGINE LUBRICATING SYSTEM

SA-10

Group 170.4

Page 1

Lubricating System



FLOW OF LUBRICATING OIL (SCHEMATIC)

- 1-Valve springs.
- 2-Passage in rocker arm shaft.
- 3-Governor mechanism.
- 4-Bearing.
- 5-Fuel injection pump oil manifold.
- 6-Fuel injection pump camshaft.
- 7-Push rod.
- 8-Passage to rocker arm shaft.

- 9-Line to fuel injection pump oil manifold.
- 10-Oil pressure gauge.
- 11-Fuel transfer pump drive gear.
- 12-Oil control ring passage.
- 13-Valve lifter.
- 14-Passage to external tee.
- 15-Accumulator drive lifter gear shaft chain bearing.
- 16-Camshaft front bearing.

- 17-Piston pin.
- 18-Piston pin bearing.
- 19-Crankshaft main bearing (line).
- 20-Oil distribution manifold.
- 21-Passage from oil filter to oil manifold.
- 22-Oil filter.
- 23-Passage from oil distribution manifold to balancer shaft bearings.

- 24-Passage from main bearing to connecting rod bearing.
- 25-Balancer shaft bearing.
- 26-Oil pump lifter gear bearing.
- 27-Scavenger tube.
- 28-Passage from oil pump to oil filter.
- 29-Connecting rod bearings.
- 30-Oil pump.

Over

Caterpillar D4d Workshop Manual

Caterpillar Tractor Company



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,1978 *D4D Tractor* ,1967* *Prairie Farmer* ,1985 **Service Manual for Caterpillar D4 Tractor, Serial Numbers**
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