

Probable Cause	Remedy
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Loss of Oil Pressure

1. Low lubricating oil level	Add sufficient oil to bring level up to specified mark on level gauge.
2. Clogged oil filter	Change filter element.
3. Oil leaks	See "Excessive Lubricating Oil Consumption" in this chart.
4. Engine oil pressure indicator or line defective	Replace.
5. Worn main, connecting rod or camshaft bearings	Replace.
6. Dirt in oil filter relief valve or relief valve spring broken	Clean valve or replace spring.
7. Oil pump worn	Repair or replace.
8. Oil diluted or not as specified	Change oil regularly using correct grade specified in Operator's Manual.

Lack of Compression

1. Valves sticking	Clean valve guides and stems. Grind valves if needed.
2. Worn pistons, rings and cylinder walls	Replace pistons, rings and cylinder sleeves.
3. Defective cylinder head gasket	Replace.
4. Broken valve spring	Replace.

Smoky Exhaust

1. Engine overload	Reduce load.
2. Incorrect grade lubricating oil	Use grade of oil specified in Operator's Manual.