

ALWAYS COMPLY WITH SAFETY REGULATIONS !

| Maintenance jobs | Maintenance cycles * | | | | | | | | |
|--|----------------------|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Check coolant level and oil level in engine | ● | | | | | | | | |
| Check air filter contamination | ● | | | | | | | | |
| Change engine oil in oil sump (see also page 63) | | ● | ○ | ○ | ○ | | | | |
| Change oil filter cartridge (see also page 63) | | ● | ○ | ○ | ○ | | | | |
| Clean fuel strainer | | ● | ● | | | | | | |
| Draining fuel filter / condensation (earlier if severe operating conditions demand it) | | | ● | | | | | | |
| Check and if necessary correct V-belt tension | | ● | ● | | | | | | |
| 1st retightening of cylinder head bolts (with overhauled engine) | | ● | | | | | | | |
| Check that removable unions (bolts, hose clips, pipe fittings) are firmly in position and, if necessary, retighten | | ● | | | | | | | |
| Service the air cleaner (earlier if severe operating conditions demand it) | | | ● | | | | | | |
| 2nd retightening of cylinder head bolts (with new or overhauled engine) | | | | ● | | | | | |
| Check and if necessary adjust valve clearance | | ● | | ● | ● | | | | |
| Change disposable fuel filter / filter elements | | | | | | ● | | | |
| Check turbocharger | | | | | | | ● | | |
| Change coolant | | | | | | | | ● | |
| Renew filler cap and working valve of cooling system | | | | | | | | ● | |
| Check injection nozzles | | | | | | | | | ● |

- * 1 – Daily
 2 – After the first 10 to 20 hours of operation (with new or overhauled engine)
 3 – Every 200 hours of operation
 4 – After the first 400 hours of operation
 5 – Every 400 hours of operation
 6 – Every 1000 hours of operation
 7 – Every 3000 hours of operation
 8 – Every 2 years
 9 – Every 5000 hours of operation for engines in permanent operation
 and peak load operation
 Every 48 months for engines in standby generators

○ Oil change interval in hours of operation depends on oil grade used. See page 63.