

## 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.