

PREVENTIVE MAINTENANCE

These preventive maintenance periods are general in application. Check the periods given by the manufacturer of the equipment in which the engine is installed and, where necessary, use the shorter periods. These periods and procedures must also be adapted to ensure correct operation for any local vehicle or machine regulations.

On stop/start short distance operation the hours run are more important than the distance.

It is good maintenance to check for leakage and loose fasteners at each service interval.

These maintenance periods are only for engines that are operated with fuel and lubricating oil to the specifications given in this handbook.

Every 5000 km (3000 Miles), 150 Hours or 1 Month

(Use Interval That Comes First)

Change lubricating oil.

Change lubricating oil filter canister.

Inspect drive belt.

Clean dust bowl of air filter (where fitted).

Check for water in fuel pre-filter (where fitted).

Every 15000 km (9000 Miles) or 450 Hours (Use

Interval That Comes First)

Adjust valve tip clearances.

Check atomisers

Every 20000 km (12000 Miles) or 600 Hours (Use

Interval That Comes First)

Tighten induction and exhaust manifold nuts.

Change fuel filter canister.

Check ignition timing.

Clean or renew air filter element (if not indicated earlier).

Daily or Every 8 Hours (Use Interval that comes First)

Check amount of coolant.

Check amount of lubricating oil in sump.

Check lubricating oil pressure (where gauge installed).

In extreme dust conditions, clean dust bowl of air filter (where fitted).

Every 100000 km (60000 Miles) or 3000 Hours (Use

Interval That Comes First)

Have the accessory equipment (starter motor, alternator, exhauster etc.) checked.