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Schedules

The schedules which follow must be applied at the interval (hours or months) which occur first.

A First service at 20/40 hours

D Every 400 hours or 12 months

B Every day or every 8 hours

E Every 2000 hours

C Every 200 hours or 6 months

A	B	C	D	E	Operation
•	•				Check the amount of coolant
			•		Check the concentration of the coolant ⁽²⁾
•		•			Check the tension and the condition of the drive belt
			•		Clean the sediment chamber and the strainer of the fuel lift pump
		•			Check for water in the pre-filter ⁽¹⁾ , (or earlier if your fuel supply is contaminated)
			•		Renew the elements of the fuel filter(s)
				•	Ensure that the atomisers are checked ⁽³⁾
•					Ensure that the idle speed is checked and adjusted, if it is necessary ⁽³⁾
			•		Check Stanadyne fuel injection pump for governor operation ⁽³⁾
	•				Check the amount of lubricating oil in the sump
•	•				Check the lubricating oil pressure at the gauge ⁽¹⁾
•			•		Renew the engine lubricating oil ⁽⁴⁾ ⁽⁵⁾
•			•		Renew the canisters(s) of the lubricating oil filter ⁽⁴⁾
•		•			Renew the canister of the lubricating oil filter (six cylinder naturally aspirated engines with a single filter canister)

⁽¹⁾ If one is fitted.

⁽²⁾ Renew the antifreeze every 2 years. If a coolant inhibitor is used instead of antifreeze, it should be renewed every 6 months.

⁽³⁾ By a person who has had the correct training.

⁽⁴⁾ The lubricating oil and the filter canister(s) must be renewed every 250 hours or 12 months for applications where the engine normally runs at full load for periods of more than 20 minutes, for example: Generating sets or water pumps.

⁽⁵⁾ The oil change interval will change with the amount of sulphur in the fuel (see the table in fuel specification on page 43). The interval to change the canister of the lubricating oil filter is not affected.

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A	B	C	D	E	Operation
•	•	•	•	•	<ul style="list-style-type: none"> • Clean the engine breather system ⁽³⁾ Clean the air cleaner or empty the dust bowl of the air filter <ul style="list-style-type: none"> - extremely dusty conditions - normal conditions • Clean or renew the air filter element, if it has not been indicated earlier • Ensure that the turbocharger impeller and turbocharger compressor casing are cleaned ⁽²⁾ • Clean the compressor air filter ⁽¹⁾ • Ensure that the exhauster or compressor ⁽¹⁾ is checked ⁽²⁾ • Ensure that the valve tip clearances of the engine are checked and, if necessary, adjusted ⁽²⁾ • Ensure that the valve tip clearances of the engine are checked and, if necessary, adjusted (high rated engines) ⁽²⁾ • Ensure that the alternator and the starter motor are checked ⁽²⁾

(1) If one is fitted.

(2) By a person who has had the correct training.

(3) The closed breather assemblies must be cleaned, see page 36 and page 37. The oil separator of the open breather assembly should not be cleaned, but must be renewed at every overhaul of the engine or 8000 hours, see page 38. Refer to your local distributor.