

MAINTENACE CHART

| SYSTM | MAINTBNANCB MODEL | MAINTBNANCB CONTBNTS | DAILY or every 20 hours | WEEKLY | MONTHLY | 3 MONTHS or 100 hours | 6 MONTHS or 200 hours | 12 MONTHS or 800 hours | 24 MONTHS or 2000 hours |
|---|----------------------|--|--|--------|---------|--------------------------------|--------------------------------|---------------------------------|----------------------------------|
| Lubrication system * | Check | Any leakage | √ | √ | √ | √ | √ | √ | √ |
| | | Lube-oil level | √ | √ | √ | √ | √ | √ | √ |
| | | Engine oil pressure | Every 12 months | | | | | | |
| | Replace | Lube-oil filter | | | | | √ | √ | √ |
| | | Lube-oil | | | | | √ | √ | √ |
| | | Lube-oil and Lube-oil filter | Oil and oil filter need to be changed for first 50Hours for new or overhauled engine | | | | | | |
| Cooling System | Check | Breather of crankcase | | | | | | | |
| | | Any leakage | √ | √ | √ | √ | √ | √ | √ |
| | | Any blocks of radiator | | | √ | √ | √ | √ | √ |
| | | Pipes and connectors | | | √ | √ | √ | √ | √ |
| | | Coolant level | | √ | √ | √ | √ | √ | √ |
| | | Antifreeze and anticorrosive | | | √ | √ | √ | √ | √ |
| | | Strap and it's degree of tightness | | | | √ | √ | √ | √ |
| | | Fan Driver and water pump | | | | √ | √ | √ | √ |
| | | Belt and fan driver of radiator(Optional for Remote pulley type radiators) | Every 250 hours | | | | | | |
| | Add | Lubricator of fan driver(Optional for Remote pulley type radiators) | 500 hours | | | √ | √ | √ | √ |
| Air induction system | Check | Air induction | | | √ | √ | √ | √ | √ |
| | | Air filter | | √ | √ | √ | √ | √ | √ |
| | | Pipes and connectors | | | | √ | √ | √ | √ |
| | Replace | Air filter core | | | | | √ | √ | √ |
| Fuel system | Check | Any leakage | √ | √ | √ | √ | √ | √ | √ |
| | | Fuel level | | √ | √ | √ | √ | √ | √ |
| | | Nozzle of fuel pump | | | | | | √ | √ |
| | | Pipes and connectors | | | | | √ | √ | √ |
| | | Fuel pump | | | √ | √ | √ | √ | √ |
| | Clean | Drain fuel tank | | | √ | √ | √ | √ | √ |
| | | Drain water separator | | | | | | √ | √ |
| | Replace | Fuel filter | | | | | √ | √ | √ |
| | Check | Nozzle and valves | | | | | | | √ |
| Exhaust system | Check | Fuel injection timing | Every 12 months | | | | | | |
| | | rocker and valve | | | | | √ | √ | √ |
| | | Any leakage | | | √ | √ | √ | √ | √ |
| | Check | Exhaust restriction | | | | | | | √ |
| | | Exhaust bolting | | | √ | √ | √ | √ | √ |
| | | Charger alt. strap and it's degree of tightness | | | √ | √ | √ | √ | √ |
| Electrical system | Check | Battery | | √ | √ | √ | √ | √ | √ |
| | | Specific gravity of electrolyte | | | √ | √ | √ | √ | √ |
| | | Switch and alarm | | √ | √ | √ | √ | √ | √ |
| | | Connector of start motor | | | | | | √ | √ |
| | | Starter | Every 12 months | | | | | | |
| | | Alternator | Every 12 months | | | | | | |
| Others | Check | Vibration is normal or not | | √ | √ | √ | √ | √ | √ |
| | | Turbocharger bearing clearance | | | | | | | √ |
| | | Turbocharger compressor wheel and diffuser | | | | | | | √ |
| | Clean | Tightening degree with baseframe | | | | | √ | √ | √ |
| Operate the gen-set under no load for 5 minutes (Optional for Standby Gensets) | Check | gen-set | | | | | | | √ |
| | | Ease of starting | | √ | | | | | |
| | | Color of exhaust smoke | | √ | | | | | |
| | | Abnormal vibration | | √ | | | | | |
| | | Abnormal noise | | √ | | | | | |
| | | Abnormal smell | | √ | | | | | |
| Operate the gen-set with more than 1/2 load for 15 minutes (Optional for Standby Gensets) | Check | Parameter indication | | √ | | | | | |
| | | Ease of starting | | | | √ | √ | √ | √ |
| | | Color of exhaust smoke | | | | √ | √ | √ | √ |
| | | Abnormal vibration | | | | √ | √ | √ | √ |
| | | Abnormal noise | | | | √ | √ | √ | √ |
| | | Abnormal smell | | | | √ | √ | √ | √ |

*For the engines with manual added lubricant for fuel pump:

Lubricant of fuel pump need to be checked once in every month; and the Lubricant shall be replaced once in each three months.