

SEMI-ANNUALLY

During the Semi-Annual visit, our service technician will perform the following service:

LUBRICATION

- ✘ Check for leaks and make necessary minor repairs

AIR FILTRATION SYSTEM

- ✘ Check filter element conditions and clean filter elements
- ✘ Replace element (as needed)

GOVERNOR

- ✘ Check sensitivity and droop and make necessary adjustments

DIESEL STORAGE TANK

- ✘ Measure fuel and water levels
- ✘ Pump water off bottom

ENGINE EXHAUST SYSTEM

- ✘ Check for leaks and make necessary repairs
- ✘ Check for rusted silencer and exhaust components
- ✘ Check and/or clean spark box

INSTRUMENTS (ENGINE)

- ✘ Provide readings for no load, full load, and at specific load intervals
- ✘ Check tachometer and provide readings for COLD and HOT oil pressure at Operating RPM, AMP, VOLTS, DEGREES readings

ENGINE/ELECTRICAL SYSTEMS

- ✘ Check battery charger
- ✘ Provide charger rates in HIGH and LOW volts, Hydrometer test, and battery specific gravity
- ✘ Clean and lubricate battery posts (as needed)
- ✘ Inspect and replace battery cables (as needed)
- ✘ Inspect and adjust/replace alternator belts (as needed)
- ✘ Record battery load test volts

ENGINE FUEL SYSTEM

- ✘ Check for leaks and make repairs (as needed)
- ✘ Check hoses and replace (as needed)
- ✘ Check fuel filters and change (as needed)
- ✘ Check day tank levels, float switch, transfer pump

IGNITION SYSTEM (IF APPLICABLE)

- ✘ Check and replace spark plugs (as needed)
- ✘ Check mag, distributor, points

COOLING SYSTEM

- ✘ Check all hoses for leaks, loose fittings, deterioration, general wear
- ✘ Check belts
- ✘ Check antifreeze solution (add as needed)
- ✘ Check coolant levels
- ✘ Provide nitrate reading
- ✘ Add water (as needed)
- ✘ Check engine block heater
- ✘ Check and grease pillow block bearings
- ✘ Add additives (as needed)

INSTRUMENTS (GENERATOR)

- ✘ Provide readings for VOLTS, WATTS, AMPS, HERTZ, hourmeter

AC GENERATOR/FIRE PUMP

- ✘ Check and replace brushes (as needed)
- ✘ Inspect generator/pump conditions
- ✘ Check bearings and oil levels (add or grease as needed)
- ✘ Check P.T.O.

START SYSTEMS

- ✘ Check water temperature alarm/shutdown
- ✘ Check oil pressure alarm/shutdown
- ✘ Check overcrank alarm and overspeed shutdown

ANNUALLY

During the Annual visit, our service technician will perform the following service:

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|---------------------------------|--|
| ✘ Change engine oil and filters | ✘ Lubricate generator bearings |
| ✘ Change fuel filters | ✘ Legally dispose of waste oil and filters |