

MAINTENANCE SCHEDULE

(H24)

MAINTENANCE



Maintenance Schedule

Observe the following maintenance schedule. This maintenance schedule is applied to tractors which are operated under normal conditions. When your tractor is frequently operated in muddy places, greasing must be carried out more frequently and when the tractor is often operated in dusty places, clean the air cleaner element and fuel filter more frequently. Extra servicing must be carried out according to particular situation.

| Parameters | 50 Hours | Every 250 Hours | Every 500 Hours | Every 750 Hours | Every 1000 Hours | Every 1250 Hours | Every 1500 Hours |
|-------------------------------------|---|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| General | | | | | | | |
| Washing | W | W | W | W | W | W | W |
| Greasing | G | G | G | G | G | G | G |
| Re-tighten All Fasteners | CT | CT | CT | CT | CT | CT | CT |
| Rear View Mirror Holder | CT | CT | CT | CT | CT | CT | CT |
| Engine | | | | | | | |
| Engine Oil | R | R | R | R | R | R | R |
| Engine Oil Filter | R | R | R | R | R | R | R |
| Tappet Clearance | CA | CA | CA | CA | CA | CA | CA |
| Fuel Filter Element | R | R | R | R | R | R | R |
| Fan Belt Tension | CT | CT | CT | CT | CT | CT | CT |
| Radiator Coolant Level | CP | CP | CP | CP | CP | CP | CP |
| Coolant Change/Radiator Flushing | At every 1000 hours or 2 Years, whichever is earlier | | | | | | |
| Air Cleaner Element | CL | CL | CL | R | CL | CL | R |
| Fuel Injector | Nozzle tip cleaning at every 1500 hours or whenever required Fuel injection nozzle at every 3000 hours or whenever required. | | | | | | |
| Glow Plugs | - | - | C | - | C | - | C |
| Fuel Tank Cleaning | At every 500 hours or 1 Year, whichever is earlier | | | | | | |
| Clutch- Manual Transmission | | | | | | | |
| Clutch Pedal Free Play | CA | CA | CA | CA | CA | CA | CA |
| Transmission / Hydraulic | | | | | | | |
| Manual Transmission Oil | C | C | C | C | R | C | C |
| Transmission Breather Assy | CL | CL | CL | CL | CL | CL | CL |
| Hydraulic Oil Filter (Suction)-HST | R | R | R | R | R | R | R |
| Hydraulic Oil Filter (Delivery)-HST | R | R | R | R | R | R | R |
| Transmission Oil- HST | R | R | R | R | R | R | R |

MAINTENANCE

| Parameters | 50 hrs | Every 250 hrs | Every 500 hrs | Every 750 hrs | Every 1000 hrs | Every 1250 hrs | Every 1500 hrs |
|-------------------------------------|--------|---------------|---------------|---------------|----------------|----------------|----------------|
| Operation of Hydraulic Lift | C | C | C | C | C | C | C |
| Hydraulic Oil Strainer | CL | CL | CL | R | CL | CL | R |
| Brakes | | | | | | | |
| Operation of Brakes | C | C | C | C | C | C | C |
| Brake Pedal Free Play | CA | CA | CA | CA | CA | CA | CA |
| Steering | | | | | | | |
| Steering Operation | C | C | C | C | C | C | C |
| Front Axle 4x4 | | | | | | | |
| Front Axle Differential Oil | R | C | R | C | R | C | R |
| Breather Assy | CL | CL | CL | CL | CL | CL | CL |
| Front Axle Pivot | C | C | CA | C | CA | C | CA |
| Wheels and Tires | | | | | | | |
| Front Wheel Bolts | CT | CT | CT | CT | CT | CT | CT |
| Rear Wheel Nuts | CT | CT | CT | CT | CT | CT | CT |
| Tire Inflation Pressure | CA | CA | CA | CA | CA | CA | CA |
| Battery | | | | | | | |
| Battery Electrolyte Level | C | C | C | C | C | C | C |
| Battery Terminals | CL | CL | CL | CL | CL | CL | CL |
| Electrical | | | | | | | |
| Functioning of All Gauges & Meters | C | C | C | C | C | C | C |
| Functioning of Alternator & Starter | C | C | C | C | C | C | C |

 **WARNING** Safety Starter Switch is to be replaced after every 2000 hours or 4 years, whichever is earlier.

R-Replace, **CP**-Check & Fill, **CT**-Check & Tighten, **C**-Check, **CR**-Clean & Replace, **CA**-Check & Adjust, **CL**-Clean
Beyond 1500 hours, repeat the cycle every 250 hours.

IMPORTANT:

- Engine Oil Grade should be selected as per operating Temperature condition.
- Antifreeze should be used in subzero ambient temperature.
- Clean Air Cleaner system as and when required as per field operating conditions.
- Clutch pedal play should be adjusted as per field operating conditions.