

4. MAINTENANCE CHECK LIST

Scheduled maintenance is the normal maintenance necessary to provide proper and efficient machine operation. To protect your investment and prolong the service life of your machine, follow the scheduled maintenance list below.

1) EVERY 10 HOURS SERVICE

Check items	Service	Page
Fuel level (Fuel tank)	Check, Refill	6-24
Fuel pre-filter(Water, sediment)	Drain	6-26
Hydraulic oil level	Check, Add	6-29
Engine oil level	Check, Add	6-15
Radiator coolant level	Check, Add	6-17
Warning lamps	Check, Clean	6-44
Belt tension and damage	Check, Adjust	6-22, 23

2) INITIAL 50 HOURS SERVICE

Check items	Service	Page
Engine oil	Change	6-16, 17
Engine oil filter	Replace	6-16, 17
Tire (Wheel hub nut)	Check, Tighten	6-33, 34
Attachment pins	Check, Lubricate	6-42
Center pivot pins	Check, Lubricate	6-40
Steering cylinder pin	Check, Lubricate	6-40
Rear axle pivot	Lubricate	6-40

3) EVERY 50 HOURS SERVICE

Check items	Service	Page
Attachment pins	Lubricate	6-42
Drive shaft(Front, center)	Lubricate	6-40
Steering cylinder pins	Lubricate	6-40
Rear axle pivot	Lubricate	6-40
Transmission oil level	Check, Add	6-35
Tire(Air)	Check, Add	6-32, 33
Wheel nuts	Check, Tighten	6-33, 34

4) INITIAL 100 HOURS SERVICE

Check items	Service	Page
Transmission oil	Change	6-35, 36
Transmission filter	Replace	6-35, 36

5) INITIAL 200 HOURS SERVICE

Check items	Service	Page
Axle oil	Change	6-38, 39

6) EVERY 250 HOURS SERVICE

Check items	Service	Page
Fuel tank(Water, sediment)	Drain	6-24
Battery (Electrolyte, voltage)	Check, Add	6-44
Axle oil level(Front and rear)	Check, Add	6-37, 38
Hydraulic tank air breather element	Replace	6-31
Pilot line filter element	Replace	6-31
Hydraulic return oil filter	Replace	6-30
Brake line filter(Strainer)	Check, clean	6-31
Cab fresh air filter(Outer filter)	Check, Clean	6-47

7) EVERY 500 HOURS SERVICE

Check items	Service	Page
Engine oil	Change	6-15, 16, 17
Air cleaner element(Primary)	Clean	6-24
Fuel filter element	Replace	6-25, 26
Engine oil filter	Replace	6-15, 16, 17

8) EVERY 1000 HOURS SERVICE

Check items	Service	Page
Transmission oil	Change	6-35, 36
Transmission oil filter	Replace	6-35, 36
Center pivot pin	Lubricate	6-40

9) EVERY 1500 HOURS SERVICE

Check items	Service	Page
Axle oil(Front and rear)	Change	6-38, 39

10) EVERY 2000 HOURS SERVICE

Check items	Service	Page
Hydraulic oil	Change	6-30
Radiator coolant	Change	6-18, 19, 20

11) WHEN REQUIRED

Check items	Service	Page
Air cleaner element(Primary, safety)	Check, Clean, Replace	6-24
Belt	Replace	6-21
Radiator, cooler fin and charge air cooler	Check, Clean	6-21
Bucket cutting edge	Replace	6-41
Tire	Check, Replace	6-32, 33, 34
Tire(Wheel hub nut)	Check, Tight	6-33, 34
Remote control valve	Lubricate	6-31
Cab fresh air filter		
· Outer filter	Check, Clean, Replace	6-47
· Inner filter	Check, Clean, Replace	6-47, 48