

5. Maintenance Section

Periodical schedule maintenance chart

Service interval	Maintenance Requirement	Clean	Change	Check	Drain	Adjust	Grease
Every 10 hours	Engine oil			√			
	Radiator coolant			√			
	Hydraulic oil level			√			
	Fuel Level			√			
	Grease all structural joints						√
	Air Cleaner Choke Indicator			√			
	Visi-bowl pre-cleaner	√					
	Air filter primary - outer (by hand tapping- not by pressurized air)	√					
First 50 hours	Engine oil (For 90 HP only)		√				
	Engine oil Filter (For 90 HP only)		√				
	Transmission oil filter (new transmission)		√				
	Rear axle - Planetary oil		√				
	Front axle - Planetary oil (For 4WD)		√				
Every 50 hours	Water separator				√		
	Tire pressure/condition			√			
	Brake pedal free play			√			
	Brake oil level			√			
	Leakage of fuel/engine oil/Hydraulic oil			√			
	Structure nut & bolts			√		√	
	Wheel nuts torque			√		√	
	Propeller shaft greasing						√
	Parking brake			√		√	
	Transmission oil level			√			
	AC belt tension			√		√	
	Any damage to air filter housing body/filter mesh/clamps, dust entry in air cleaner to turbo hose			√			
	Front axle bearing play					√	
	Fan belt tension			√			
Fresh air filter (HVAC Cabin)	√						
Every 250 hours	Air filter primary – outer (By pressurized air)	√					

Periodical schedule maintenance chart

Service interval	Maintenance Requirement	Clean	Change	Check	Drain	Adjust	Grease
Every 500 hours	Engine oil		√				
	Engine oil filter		√				
	Fuel filter-pre filter and main filter		√				
	Front axle bearing						√
	Fuel tank drain					√	
	Rear axle - complete axle oil			√			
	Front axle - complete axle oil (4WD)			√			
	Rear axle breather	√					
	Engine & transmission mounting bolts			√			
	Battery electrolyte			√			
	Turn table wear pad thickness			√			
	Fresh air filter (HVAC Cabin)			√			
	First 1000 hours	Rear axle – complete axle oil		√			
Front axle complete axle oil (For 4WD)			√				
Transmission oil			√				
Transmission oil filter			√				
Every 1000 hours	Air filter- Primary (outer) and Safety element (Inner)		√				
	Hydraulic oil filter		√				
	Structure pins & bushes			√			
Every 1500 hours	Rear axle oil – Including Planetary Oil		√				
	Front axle oil – Including Planetary Oil		√				
	Transmission oil		√				
	Transmission oil filter		√				
Every 2000 hours	Hydraulic oil		√				
	Hydraulic suction strainer	√					
	Hydraulic breather		√				
	Radiator coolant		√				



NOTE

Safety element should not be cleaned. For replacement contact nearest Mahindra Construction Equipment dealer.



NOTE

Primary air filter should be cleaned at every 50 hours. If indicator glows for air filter choking at any time, clean primary filter immediately