


SERVICE SCHEDULE

Chart

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures. The service schedule is a guide for correct maintenance of the Bobcat telescopic handler.

 <b style="font-size: 24pt; margin-left: 10px;">WARNING	<p>Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.</p> <p style="text-align: right; font-size: 10pt;">W-2003-0903</p>
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SERVICE SCHEDULE		HOURS					
ITEM	SERVICE REQUIRED	10	50	100	250	500	[8] 1000
Engine Oil	Check the oil level and add oil if needed.						
Hydraulic Fluid	Check fluid level and add if needed.						
Articulation Pins	Lubricate with multipurpose lithium based grease.						
Safety Signs, Safety Tread And Mirrors	Check for damaged signs (decals), safety tread and mirrors. Replace if damaged or worn.						
Fuel Filter	Clean the sediment bowl / water trap.						
Nuts And Bolts	Check for loose nuts and bolts. Tighten if needed.						
Seat Belt	Check the condition of the seat belt. Clean dirt and debris from moving parts.						
Brakes	Check for function. Service and add brake fluid if necessary.						
Back-up Alarm	Check for function. Replace if necessary.						
Tyres	Check for wear or damage. Inflate to correct pressure. Be sure all tyres are inflated to the same pressure. Use only approved tyres.						
Engine Air Filter And Air System	Check condition indicator, replace element when required and clean if needed. Check air system for leaks.						
Engine Cooling System	Add premixed coolant if needed. Check cooling system for leaks. Check radiator is not clogged.						
Axle Oscillation (Front / Rear), Boom Pivot, Levelling Cylinders, Stabiliser Cylinders And Pivots, Hoisting Jack Head And Foot, Upperstructure Swing Wheel, Front And Rear Wheel Pivot Pins, Spiders And Cardan Joints On Drive Shafts	Lubricate with multipurpose lithium based grease.						
Telescopic Boom Slide	Lubricate with multipurpose lithium based grease. Check wear blocks for adjustment or replacement.						
Hydraulic Hoses, Tubelines And Connections	Check condition of hoses, tubelines and connectors. Repair or replace if needed.						
Battery	Check electrolyte level. Add distilled water if needed.						
Wheel Nuts	Check wheel nut torque. Tighten if needed [300 N•m (221 ft-lb)].	[1]					
Differential Axles	Lubricate with multipurpose lithium based grease.						
Engine Oil And Filter	Replace the engine oil and filter. Use a genuine Bobcat filter.		[2]				
Engine Air Filter	Replace the outer filter element. Use a genuine Bobcat filter.		[2]				
Anti Humidity Bag	Replace the anti humidity bag on the swivel joint.						
Fuel Filters	Replace the primary and secondary fuel filter. Use genuine Bobcat filters.		[2]				
Hydraulic Fluid Filter	Replace the external hydraulic fluid filter. Use a genuine Bobcat filter.				[3]		
Hydraulic Fluid Filter	Replace the inline hydraulic fluid filter. Use a genuine Bobcat filter.						
Pre-filter On Diesel Injection Pump	Replace the pre-filter on the diesel injection pump.						
Epicyclic Reduction Gear	Check epicyclic reduction gear oil level.						
Drive Box	Check drive box oil level.						
Catalytic Purifier	Clean the catalytic purifier.						[9]
Front And Rear Axle Fluid	Replace the axle fluid. See SPECIFICATIONS.			[4]	[5]		

SERVICE SCHEDULE (CONT'D)

Chart (Cont'd)

SERVICE SCHEDULE		HOURS					
ITEM	SERVICE REQUIRED	10	50	100	250	500	[8] 1000
		Hydraulic Fluid Filter	Replace the hydraulic mesh filter (3).				
Hydraulic Fluid	Replace the hydraulic fluid.					[7]	
Engine Coolant	Check freeze protection of antifreeze -30°C (-34°F). Flush cooling system and replace with premixed coolant.						
Telescopic Boom Wear Blocks	Check for wear and adjust if needed. Replace if necessary.						
Pivot Pins And Bushings	Check for wear on the pivot pins and bushings.						
Engine Valve Lash	Check and adjust if needed.						
Upperstructure Swing Motor	Check tightening torque of upper and lower swing motor bolts.						
Epicyclic Reduction Gear	Replace epicyclic reduction gear oil.						
Drive Box	Replace drive box oil.						
Brakes	Replace brake fluid.						

- [1] Check wheel nut torque every 8 hours for the first 24 hours.
- [2] Perform service first time, then as indicated in chart.
- [3] Replace filter first time, then again, then as indicated in chart.
- [4] Check level.
- [5] Replace fluid first time, then as indicated in chart.
- [6] Clean filters first time, then as indicated in chart.
- [7] Replace fluid first time, then again, then as indicated in chart.
- [8] Or every 12 months.
- [9] Replace every 10.000 hours.

The Inspection Checkbook (logbook) can be ordered for you by your local dealer. Part number: 7296478.

Contents Of The Inspection Checkbook (Logbook)

Maintenance work must be done at regular intervals. Failure to do so will result in excessive wear and early failures. The service schedule is a guide for correct maintenance of the Bobcat telescopic handler.

The Inspection Checkbook contains the following information:

- Doosan Benelux S.A. Warranty Policy
- Extended Warranty Policy

The Inspection Checkbook has to be filled in by the Dealer for any maintenance and service work of your Bobcat machine. This book may be required anytime by an authorized dealer or by Bobcat Europe, should a breakdown occur on the Bobcat equipment.