

MAINTENANCE MADE EASY

Your guide to maintenance planning and execution with Hiab



While equipment maintenance is something you can't avoid, it is something you can turn into a competitive edge. As well as minimising the risk of costly unplanned downtime, regular preventive maintenance will reduce the total cost of ownership of your equipment and keep it operating safely and efficiently for years to come.

In this guide we'll cover the types of checks that operators need to do to keep your equipment running safely and smoothly on a daily basis plus the tasks

that should be left to the professionals – for example, the first service after purchase and the annual maintenance assessment.

We'll also look at how a Hiab ProCare maintenance contract can help keep your equipment, and your business, in peak condition through preventive, proactive care.

QUICK GUIDE TO DAILY AND MONTHLY INSPECTIONS

Operators have an important part to play in keeping your equipment in good working order. We've put together a handy checklist of the daily and monthly inspections they can carry out on Hiab equipment. These tasks can help you avoid unpleasant, costly surprises in the long term – and in most cases they take just a few minutes.



Most common inspection points	HIAB / EFFER loader cranes	MULTILIFT demountables	JONSERED recycling cranes	LOGLIFT forestry cranes	MOFFETT truck-mounted forklifts	ZEPRO / DEL tail lifts
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Daily						
Visual inspection						
Damage/wear on structural components	✓	✓	✓	✓	✓	✓
Hydraulic leaks or damage (valves, hoses, pipes)	✓	✓	✓	✓	✓	✓
Unusual noises/vibrations	✓	✓	✓	✓	✓	✓
Safety systems / labels / decals	✓	✓	✓	✓	✓	✓
Operational test						
Full range of motion	✓	✓	✓	✓	✓	✓
Safety locks & mechanisms	✓	✓	✓	✓	✓	✓
Control interfaces	✓	✓	✓	✓	✓	✓
Hydraulic system						
Fluid levels check	✓	✓	✓	✓	✓	✓
Hydraulic operation	✓	✓	✓	✓	✓	✓
Electrical components						
Lights & indicators	✓	✓	✓	✓	✓	✓
Specialised checks per equipment type						
Crane winch operation	✓		✓	✓		
Lifting mast & forks inspection					✓	
Tyres & driving mechanism					✓	
Tipping hook condition and axle clearances		✓				
Cabin structure, valve and AC				✓	✓	
Grapple or other application tools (accessories)	✓		✓	✓		
Monthly						
In-depth visual check						
Boom bearing and cylinders	✓			✓		
Excessive rust/corrosion	✓	✓	✓	✓	✓	✓
Pivot points & lubrication						
Wear at pivot points	✓	✓	✓	✓	✓	✓
Lubrication check	✓	✓	✓	✓	✓	✓
Safety mechanisms						
Functionality test	✓	✓	✓	✓	✓	✓
Documentation						
Maintenance log	✓	✓	✓	✓	✓	✓

Disclaimer: The tables in this guide are intended to serve as an indicative reference only, to help owners and operators of Hiab equipment to create a maintenance plan. As such, the tables include only the most common inspections and service actions and are not intended to be an exhaustive list. It is imperative to consult equipment-specific operation and maintenance manuals for detailed information, guidance and safety protocols. To ensure the longevity, safety and optimum performance of your equipment it is critical to follow the manufacturer's instructions carefully.

THE MAINTENANCE TASKS YOU SHOULD LEAVE TO THE PROFESSIONALS

Beyond daily and monthly inspections, **your equipment needs regular care and attention from professional technicians** who know every nut, bolt and cylinder inside out. How often does this kind of maintenance need to be done? The tables below give you a guide to what actions need to be performed and what components need to be checked and maintained during the first professional service as well as during regular service.



Most common service points	 HIAB/EFFER loader cranes	 MULTILIFT demountables	 JONSERED recycling cranes	 LOGLIFT forestry cranes	 MOFFETT truck-mounted forklifts
First service to be performed	After 50 hours	After 60 hours	After 50 hours	After 55 hours	After 50 hours
Oil and fluids					
Engine oil					✓
Hydraulic level check and top up	✓	✓	✓	✓	✓
Transmission oil			✓	✓	✓
Filter replacement					
Air filter		✓	✓	✓	✓ (clean)
Oil filters	✓	✓	✓	✓	✓
Hydraulic tank filter	✓	✓	✓	✓	
Calibrations					
Load limits	✓	✓	✓	✓	
Safety interlocks	✓	✓	✓	✓	
Inspections					
Electrical systems	✓	✓	✓	✓	✓
Mechanical systems	✓	✓	✓	✓	✓
Hydraulic systems	✓	✓	✓	✓	✓
Lubrication					
Pivot points & moving parts	✓	✓	✓	✓	✓
Specialised service per equipment type					
Crane winch	✓		✓	✓	
Locking mechanism	✓	✓			
Lifting mast & forks inspection					✓
Tyres & driving mechanism					✓
Grapple or other application tools (accessories)	✓		✓	✓	



Most common service points

HIAB / EFFER loader cranes

MULTILIFT demountables

JONSERED recycling cranes

LOGLIFT forestry cranes

MOFFETT truck-mounted forklifts

ZEPRO / DEL tail lifts

Regular service is to be performed by an authorised Hiab service provider.	Every 1,000 hours or 10,000 cycles or 365 days	Every 950 hour or 9,500 cycles or 360 days	Every 1,050 hours or 10,500 cycles or 370 days	Every 1,100 hours or 11,000 cycles or 375 days	Every 300 hours or 365 days	Typical service interval is every 3 months
Oil and fluids						
Check fluid levels	✓	✓	✓	✓	✓	✓
Oil tank filler cap change			✓	✓		
Oil change in the slewing system			✓	✓		
Engine oil					✓	
Hydraulic fluid change	✓	✓	✓	✓	Every 1000hrs or 3 years	Every 3 years (if using Clear Oil Filter)
Filter replacement						
Air filter	✓	✓	✓	✓	✓	
Oil filters	✓	✓	✓	✓	✓	
Fuel filter					✓	
Hydraulic tank filter	✓	✓	✓	✓	Every 1000hrs or 3 years	Every 3 years
Calibrations						
Load limits	✓	✓	✓	✓		
Safety systems recalibration	✓	✓	✓	✓		
Inspections						
Electrical systems	✓	✓	✓	✓	✓	✓
Mechanical systems	✓	✓	✓	✓	✓	✓
Hydraulic systems	✓	✓	✓	✓	✓	✓
Lubrication						
All moving parts & joints	✓	✓	✓	✓	✓	✓
Specialised service per equipment type						
Crane winch	✓		✓	✓		
Locking mechanism	✓	✓				
Lifting mast & forks inspection					✓	
Tyres & driving mechanism					✓	
Grapple or other application tools (accessories)	✓		✓	✓		



WHY CHOOSE A HIAB PROCARE MAINTENANCE CONTRACT?

Well-planned preventive maintenance keeps your load-handling equipment running safely and efficiently by preventing problems from occurring in the first place. A ProCare service contract helps you deliver on your promises to your customers while we take care of all your equipment service and maintenance needs.

To learn more about Hiab ProCare service contracts and to book a consultation with one of our experts, visit the Hiab website.



LESS UNPLANNED DOWNTIME

Predictable, tailored maintenance planning based on real equipment data.

LOWER TOTAL COST OF OWNERSHIP AND INCREASED RESALE VALUE

High-quality service and original spare parts that reduce your equipment's total cost of ownership and can increase its resale value by as much as 10%.

REDUCED OPERATING COSTS

Improved cost-predictability plus discounts on parts and labour compared to non-contract service.



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