



Safety & Maintenance Inspection: Stellar® Telescopic Crane - Monthly

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Operator/Inspector _____ Date _____ Time _____

Serial Number _____ Machine Hours _____

Key	Inspection Description	Pass/Fail?
Daily	All Daily Inspections.	
Cylinders	Visual inspection of cylinders for leakage at rod, fittings, & welds. Damage to rod & case.	
Valves	Holding valves for proper operation.	
Valves	Control valve for leaks at fittings & between sections.	
Valves	Control valve linkages for wear, smoothness of operation & tightness of fasteners. Relief valve for proper pressure settings.	
General	Bent, broken or significantly rusted/corroded parts.	
Electrical	Electrical systems for presence of dirt, moisture & frayed wires.	
Structure	All structural members for damage.	
Welds	All welds for breaks & cracks.	
Pins	All pins for proper installation & condition.	
Hardware	All bolts, fasteners & retaining rings for tightness, wear & corrosion.	
Wear Pads	Condition of wear pads.	
Pump & Motor	Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts.	
PTO	Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque.	
Hyd Fluid	Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage, & secured properly.	
Hyd Lines	Check overload device for proper operation.	
Hook	Load hook for abnormal throat distance, twist, wear, & cracks.	
Rope	Condition of load line.	
Manual	Presence of operator's manuals with the unit.	
Chassis	Tire wear and air pressure.	
Chassis	Working backup alarm.	
Station	Fire extinguisher at cab or machinery housing.	

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<http://safety.cat.com/checklists>

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