

CRANE LOG

- Daily Inspections
- Weekly Inspections
- Monthly Inspections
- Lubrication Record
- Maintenance Record
- Damage & Repair Record
- Modification Record
- Reference Specifications

CALENDAR YEAR
CRANE MODEL
CRANE SERIAL NO.
CARRIER VEHICLE
VEHICLE IDENTIFICATION NO. (VIN)
OWNER
LOG RESPONSIBILITY



IOWA MOLD TOOLING CO., INC.

BOX 189, GARNER, IA 50438-0189

TEL: 641-923-3711

IMT PART NUMBER 99900686

REVISED
05-05-93 REL
06-11-98
09-03-98
07-06-00
11-05-03
10-16-06

Iowa Mold Tooling Co., Inc. is an Oshkosh Truck Corporation Company.

INTRODUCTION

The IMT Crane and Vehicle Log is designed as a convenient and precise method of recording inspections, tests, maintenance, repairs, revisions and modifications to your IMT crane. Use this log to keep a complete and accurate machine history and as an aid in maintaining the vehicle and crane in safe operating condition. It should be considered as a standard part of the crane, and as such, transferred with the crane to any new owner of the crane. It should also be available to any local, state or federal inspectors responsible for insuring compliance with codes applicable to your equipment.

This log provides entry charts for daily, weekly and monthly inspections. It also provides charts for the recording of accidental crane damage, and repairs made due to that damage, and a chart for lubrication and maintenance performed on a scheduled or unscheduled basis. Inspect your new crane, vehicle and crane equipment before it is put into operation. Inspect to the frequency indicated on the daily, weekly and monthly checklists.

Specific inspection information is contained in the IMT Operator's Crane Safety Manual (IMT part number 99900313) and the manuals applicable to your specific model of crane. Consult those manuals for information concerning specific inspection descriptions, torque values and maintenance procedures.

On the front cover of this log are areas to insert calendar year, crane model designation, crane serial number, carrier vehicle model, VIN and the name of the person ultimately responsible for the information entered. Enter this information for concise reference to your equipment and keep this log in a safe place with the equipment it is applicable to.

INSTRUCTIONS

HOW TO USE THE CHECKLISTS:

Mark each area with either an "A", "W", or "R".

"A"-(Acceptable) Means the area is acceptable for operation. (Preventive maintenance here, will extend the life of the equipment and reduce cost of overall maintenance.)

"W"-(Worn) Means the area is acceptable for operation, but should be inspected carefully before the next use of the unit. (Perform any indicated maintenance and/or repair prior to taking a unit out of service due to inspection requiring mandatory repair. Doing preventive maintenance will extend the life of the equipment and reduce costs of maintenance and premature failure of other areas of the vehicle and/or crane.)

"R" -(Repair) Means the area is in need of repair. If such a condition exists, the unit must be IMMEDIATELY REMOVED FROM SERVICE until the condition is repaired. The repair must be noted in the repair area of the log, dated, and signed by the mechanic performing the repair.

WARNING

Failure to follow the recommendations in the checklists and manuals pertaining to the vehicle and crane may result in DEATH or SERIOUS INJURY to the operator and/or others in proximity to this equipment.

WARNING

No welding or modification to the crane is permitted, unless expressly stated in writing by Iowa Mold Tooling Co., Inc. All welding is to be performed by a welder experienced and familiar with AWS D14.3 welding standard.

NOTE

Written, dated and signed inspection reports and records shall be made monthly on critical items (all monthly inspection areas) such as brakes, crane hooks, wire rope, hydraulic cylinders and hydraulic relief valves. Records shall be kept where readily accessible. ANSI/ASME B30.5A

NOTICE TO THE OWNER / USER

If your crane is involved in a property damage accident, contact your IMT distributor immediately and provide them with the details of the accident and the serial number of the crane. If an accident involves personal injury, immediately notify your distributor and IMT Technical Support at the telephone number listed on the front cover.

WARNING

Be certain to read and understand the IMT Operator's Crane Safety Manual before operation or maintenance is performed on your crane.

MONTHLY CRANE INSPECTIONS

MONTH	JAN	FEB	MAR	APR	MAY	JUN
Crane mounting bolts-torque						
Structural damage						
Crane controls						
Rotation mounting bolts						
Hydraulic oil-quality						
Hydraulic pump						
Hydraulic motors						
Cylinders-oil leaks						
Cylinders-rod scoring						
Cylinders-nicks/dents						
Cylinders-pin boss						
Cylinders-rust on rod						
Winch-cracks						
Winch-worn sheaves						
Winch-worn drum						
Crane hook						
Wire rope						
Holding valves-load test						
SIGNATURE						
DATE						

MONTH	JUL	AUG	SEP	OCT	NOV	DEC
Crane mounting bolts-torque						
Structural damage						
Crane controls						
Rotation mounting bolts						
Hydraulic oil-quality						
Hydraulic pump						
Hydraulic motors						
Cylinders-oil leaks						
Cylinders-rod scoring						
Cylinders-nicks/dents						
Cylinders-pin boss						
Cylinders-rust on rod						
Winch-cracks						
Winch-worn sheaves						
Winch-worn drum						
Crane hook						
Wire rope						
Holding valves-load test						
SIGNATURE						
DATE						

NOTE: For specific inspection and test procedures, see the applicable safety, maintenance and parts manuals which accompanied your equipment. Consult the standards published by your responsible governing body for conformance to their specific requirements.

DAILY INSPECTIONS

JANUARY

DATE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
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	Hydraulic Filter-Check Gauge																																	
	Control Valves-Leaks/Cracks																																	
Control Valves-Movement																																		
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WEEKLY INSPECTIONS

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
Vehicle Battery					
Rotation Backlash					
Power Take Off (PTO)					
Crane Hook					
Electrical System Wear					
Hydraulic Hose Wear					
Holding Valves-Load Test					
DATE					
INITIALS					

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LUBRICATION, MAINTENANCE & REPAIR

JANUARY

DATE	SIGNATURE	MAINTENANCE / REPAIR PERFORMED	SCHEDULED = S UNSCHEDULED = U	HRS	ACCUM HRS

All repairs entered in this log must be signed and dated by the person making the repair and reported to an immediate supervisor.

DAILY INSPECTIONS

FEBRUARY

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DAILY INSPECTIONS

MARCH

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Hydraulic Hose Wear					
Holding Valves-Load Test					
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INITIALS					

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LUBRICATION, MAINTENANCE & REPAIR

MARCH

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DAILY INSPECTIONS

APRIL

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MAY

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DAILY INSPECTIONS

JUNE

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Rotation Backlash					
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DAILY INSPECTIONS

JULY

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Rotation Backlash					
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Crane Hook					
Electrical System Wear					
Hydraulic Hose Wear					
Holding Valves-Load Test					
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DAILY INSPECTIONS

AUGUST

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LUBRICATION, MAINTENANCE & REPAIR

AUGUST

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DAILY INSPECTIONS

SEPTEMBER

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DAILY INSPECTIONS

OCTOBER

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DAILY INSPECTIONS

NOVEMBER

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DAILY INSPECTIONS

DECEMBER

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LUBRICATION, MAINTENANCE & REPAIR **DECEMBER**

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BOX 189, GARNER, IA 50438-0189

TEL: 641-923-3711

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