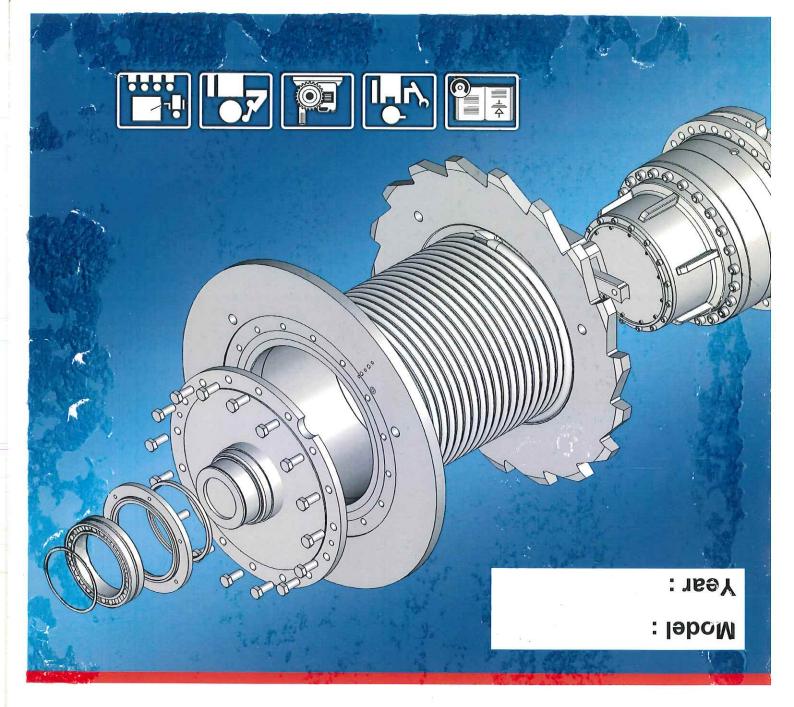


GROVE RT530E-2 - n° 258400 - GB

Maintenance Lub Manual



INSPECTION & LUBRICATION SERVICE LOG

Ordering Part Number: 9828100654	Rough Terrain and Truck Mount	
Purposes of this manual:	How to use this manual:	Notes:
1) To serve as a guide when making required	Signature Verification Record Page:	1) Before performing any inspection on
inspections & lubrications on your Grove Crane. Refer	Each person to inspect and/or lubricate this Crane is	the inspector must have read the Safety
to your Crane Operator's and/or Service Manual, and	required to print/sign/initial their name.	the Operator's manual.
your Engine Operation and Maintenance Manual, for		

Inspection & Lubrication Service Log Pages:

Check off each item as satisfactory completed.

details.

2) To serve as a one year permanent written log of the

inspection & lubrication service activity on your Grove

Crane.

- Leave blank items that were found unsatisfactory.
- checks). Record hour meter readings (not for Daily or 10 Hour Record initials of person performing the tasks outlined.

and signed inspections records be maintained

Note: Federal regulations require that written, dated,

state safety board.

preoperational checks required by an owner or local or

This manual is not intended to replace any

Repair Record pages in the back of this manual 4) For unsatisfactory items record each in the Service &

Record problems and resolutions on these pages. Service & Repair Record Pages:

Page 39 6, 12, 24, 36 Month, or 1000, 2000, 3000, 4000 Hour ■ Page 42 Monthly - Storage Cranes Only ■ Page 27 Weekly or 50 Hour Page 46 Signature Verification Record Page 44 1000 Mile Page 35 3 Month, 6 Month, 12 Month, or 400/500 Hour ■ Page 31 Monthly or 250 Hour Page 3 Daily or 10 Hour I Manual Content:

Page 47 Service & Repair Record

ty section of the Crane

duction

- 2) The same inspector who performed the initial repairs, adjustments, etc., have been performed. unsatisfactory should perform the inspection after inspection when the item was considered as
- after reading the Safety section of the Operator's with instructions in the Operator's Manual and only Lubrication is to be performed in accordance
- shift your crane is operated 4) You will need a separate Service Log for each
- this manual is 9828100654 5) Ordering part number for additional copies of
- specific models are not noted it applies to all models are noted in the "Items" column. If Items that apply, or do not apply, to specific

Introduction



		Daily or 10 Hour Check List	eck List
Task to Perform	Code	Task to Perform	Code
ls item properly installed on machine	1	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	3	Lubricate	18
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	5	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	8	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	1	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Inspect for contaminants and other problems	28
Change filter	14	Check for proper lubrication	29
Check for deterioration, damage or excessive wear	15		30
Daily or 10 Hour Check List			



RT & TM INSPECTION & LUBRICATION SERVICE LOG Items
Inspection 18 19 20 21 2 21 2
Inspection 18 19 20 21 2 21 2



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Daily or 10 Hour Check List			



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Change filter	14	Check for proper lubrication	29
Check for deterioration, damage or excessive wear	15		30
Daily or 10 Hour Check List			



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			Daily or 10 Hour Check List
30		15	Check for deterioration, damage or excessive wear
29	Check for proper lubrication	14	Change filter
28	Inspect for contaminants and other problems	13	Drain moisture
27	Drain and fill	12	Clean or replace as needed
26	Check for leaks at connection points	3	Check torque
25	Replace	10	Check for excessive wear
24	Check complete path for any condition that could damage rope	9	Check for cracks or leaks
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22	Check for loose or damaged wiring	7	Check for proper operation while operating machine
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18	Lubricate	ω	Check for proper working order
17	Service as required by engine manufacturer	2	Check for cracked or broken glass
16	Check for cracked or broken structures and welds	_	ls item properly installed on machine
Code	Task to Perform	Code	Task to Perform
eck List	Daily or 10 Hour Check List		



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Daily or 10 Hour Check List	Inspector's Initials:	27 Wire Rope	26 Transmission/Torque Converter	īres	24 Steps and Ladders	23 Signal and Running Lights & Horn	Power Steering Reservoir (TM500E-2)	Operator's Manual	Lock-out Cylinder & Slew Potentiometer	Load Moment Indicator	Hydraulic Tank	Hydraulic Oil Filter	Hourmeter (TM500E-2 Carrier and Superstructure)	Hook Block & Headache Ball Safety Latch	Hoists	Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	Fuel Tank (TM500E-2 Carrier and Superstructure)	Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)	101110	Items		RT & TM IN
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			Daily or 10 Hour Check List
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Daily or 10 Hour Check List		Wire Rope	Transmission/Torque Converter	Tires	Steps and Ladders	Signal and Running Lights & Horn	Power Steering Reservoir (TM500E-2)	Operator's Manual	Lock-out Cylinder & Slew Potentiometer	Load Moment Indicator	Hydraulic Tank	Hydraulic Oil Filter	Hourmeter (TM500E-2 Carrier and Superstructure)	15 Hook Block & Headache Ball Safety Latch	14 Hoists	Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	Fuel Tank (TM500E-2 Carrier and Superstructure)	Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)					١
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			Daily or 10 Hour Check List
30		15	Check for deterioration, damage or excessive wear
29	Check for proper lubrication	14	Change filter
28	Inspect for contaminants and other problems	13	Drain moisture
27	Drain and fill	12	Clean or replace as needed
26	Check for leaks at connection points	1	Check torque
25	Replace	10	Check for excessive wear
24	Check complete path for any condition that could damage rope	9	Check for cracks or leaks
23	Check that clamps are tight and not corroded	00	Check for proper adjustment
22	Check for loose or damaged wiring	7	Check for proper operation while operating machine
21	Check for proper inflation/pressure	6	Check for excess dirt, grease, or foreign matter
20	Check wire for damaged, frayed, or broken strands	O I	Check for proper reading while operating engine
19	Check connectors and wiring for proper alignment and insulation	4	Check for proper service/level and fill/replace if needed
18	Lubricate	ω	Check for proper working order
17	Service as required by engine manufacturer	2	Check for cracked or broken glass
16	Check for cracked or broken structures and welds	1	Is item properly installed on machine
Code	Task to Perform	Code	Task to Perform
neck List	Daily or 10 Hour Check List		



RT & TM INS	PEC	RT & TM INSPECTION & LUBRICATION SERVICE LOG
	Inspection	June Daily or 10 Hour Check List
ltems	Code 1 2	Day of Inspection 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
Air Cleaner (TM500E-2 Carrier and Superstructure)	4, 9, 12	
	7, 19	
3 Back-up Alarm	7	
4 Boom and Attachments	1, 6, 7	
5 Boom Angle Indicator	7	
6 Brakes (Swing, Foot & Parking)	3, 7	
7 Brakes and Air System (if equipped) 3,	3, 7, 13	
8 Cooling System (TM500E-2 Carrier and Superstructure)	4	
9 Crankcase (TM500E-2 Carrier and Superstructure)	4, 6	
10 Decals	15	
11 Fuel Tank (TM500E-2 Carrier and Superstructure)	4	
12 Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	13	
struments	3, 5, 7	
14 Hoists 1	1, 6, 7	
15 Hook Block & Headache Ball Safety Latch 3	3, 9, 10	
16 Hourmeter (TM500E-2 Carrier and Superstructure) 3,	3, 5, 19	
17 Hydraulic Oil Filter	4	
18 Hydraulic Tank	4, 6	
19 Load Moment Indicator 7,	7, 19, 22	
20 Lock-out Cylinder & Slew Potentiometer	7, 8	
21 Operator's Manual	1	
22 Power Steering Reservoir (TM500E-2)	4	
23 Signal and Running Lights & Horn	2, 3	
6,	15, 16	
25 Tires 6,	6, 10, 21	
26 Transmission/Torque Converter	4	
	15, 20, 29	
Inspector's Initials:	itials:	
Daily or 10 Hour Check List		June



Da		27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	œ	7	6	5	4	3	2	_	Lin	e It	em		
Daily or 10 Hour Check List	Inspector's Initials:	Wire Rope	Transmission/Torque Converter	Tires	Steps and Ladders	Signal and Running Lights & Horn	Power Steering Reservoir (TM500E-2)	Operator's Manual	Lock-out Cylinder & Slew Potentiometer	Load Moment Indicator	Hydraulic Tank	Hydraulic Oil Filter	Hourmeter (TM500E-2 Carrier and Superstructure)	Hook Block & Headache Ball Safety Latch	Hoists	Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	Fuel Tank (TM500E-2 Carrier and Superstructure)	Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)		Items		RT & TM IN	
	Initials:	15, 20, 29	4	6, 10, 21	6, 15, 16	2, 3	4	4	7, 8	7, 19, 22	4, 6	4	3, 5, 19	3, 9, 10	1, 6, 7	3, 5, 7	13	4	15	4, 6	4	3, 7, 13	3, 7	7	1, 6, 7	7	7, 19	4, 9, 12	0000	Code	Inspection	SPE	
June																													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	Day of Inspection	June Daily or 10 Hour Check List	RT & TM INSPECTION & LUBRICATION SERVICE LOG	



N 100			Daily or 10 Hour Check List
			2011
30		15	Check for deterioration, damage or excessive wear
29	Check for proper lubrication	14	Change filter
28	Inspect for contaminants and other problems	13	Drain moisture
27	Drain and fill	12	Clean or replace as needed
26	Check for leaks at connection points	11	Check torque
25	Replace	10	Check for excessive wear
24	Check complete path for any condition that could damage rope	9	Check for cracks or leaks
23	Check that clamps are tight and not corroded	8	Check for proper adjustment
22	Check for loose or damaged wiring	7	Check for proper operation while operating machine
21	Check for proper inflation/pressure	6	Check for excess dirt, grease, or foreign matter
20	Check wire for damaged, frayed, or broken strands	υ	Check for proper reading while operating engine
19	Check connectors and wiring for proper alignment and insulation	4	Check for proper service/level and fill/replace if needed
18	Lubricate	3	Check for proper working order
17	Service as required by engine manufacturer	2	Check for cracked or broken glass
16	Check for cracked or broken structures and welds	1	Is item properly installed on machine
Code	Task to Perform	Code	Task to Perform
eck List	Daily or 10 Hour Check List		
	JBRICATION SERVICE CODES	© LU	RT & TM INSPECTION & LUBRICATION



Da		27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	00	7	6	5	4	ယ	2		Line	Ite	m		
Daily or 10 Hour Check List	Inspector's Initials:	27 Wire Rope	26 Transmission/Torque Converter	25 Tires	24 Steps and Ladders	23 Signal and Running Lights & Horn	22 Power Steering Reservoir (TM500E-2)	21 Operator's Manual	20 Lock-out Cylinder & Slew Potentiometer	19 Load Moment Indicator	18 Hydraulic Tank	17 Hydraulic Oil Filter	16 Hourmeter (TM500E-2 Carrier and Superstructure)	15 Hook Block & Headache Ball Safety Latch	14 Hoists	Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	11 Fuel Tank (TM500E-2 Carrier and Superstructure)	Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)		Items		RT & TM IN	8
	Initials:	15, 20, 29	4	6, 10, 21	6, 15, 16	2, 3	4	1	7, 8	7, 19, 22	4, 6	4	3, 5, 19	3, 9, 10	1, 6, 7	3, 5, 7	13	4	15	4, 6	4	3, 7, 13	3, 7	7	1, 6, 7	7	7, 19	4, 9, 12	Code	Inspection	KI N	SPE	
July																													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	Day of Inspection	July Daily or 10 Hour Check List	RT & TM INSPECTION & LUBRICATION SERVICE LOG	



Task to Perform Code on machine Task to Perform ad on machine 1 Check for cracked or broken structures and welds rocken glass ing order 2 Lubricate ce/level and fill/replace if needed ing while operating engine 5 Check connectors and wiring for proper alignment of check for loose or damaged, frayed, or broken strand grease, or foreign matter 7 Check for loose or damaged, frayed, or broken strand of check for loose or damaged wiring stment 8 Check for loose or damaged wiring aks 10 Check complete path for any condition that could path for any condition that could path in and fill eeded 12 Drain and fill n, damage or excessive wear 15 Check for proper lubrication Check for proper lubrication Check for proper lubrication	KI & IN INUTECTION & F	C	LODVICATION OF VAIOE OODEO	
Perform Code Check for cracked or by ne 1 Check for cracked or by fill/replace if needed 4 Check for cracked or by erating engine 5 Check connectors and oreign matter 6 Check wire for damage oreign machine 7 Check for loose or damage operating machine 9 Check for loose or dam 10 Check that clamps are Check for leaks at con Check for leaks at con 13 Check for proper lubrit 15 Check for proper lubrit		-	Daily or 10 Hour Check List	ck List
ne 1 Check for cracked or by 2 Eubricate Grating engine 5 Check wire for damage crating machine 7 Check for loose or dan perating machine 9 Check that clamps are 11 Check for loose or dan 11 Check for loose or dan 11 Check for loose or dan 12 Check for loose or dan 13 Check for proper lubric			Task to Perform	Code
Service as required by fill/replace if needed 4 Check connectors and check for proper inflation are excessive wear 15 Service as required by Lubricate Check connectors and Check for proper inflation check for loose or dan Check for leaks at con Check for proper lubrication check for proper inflation check for leaks at con lubrication check for proper inflation check for leaks at con lubrication check for proper inflation check for leaks at con lubrication check for leaks at con lubrication check for proper inflation check for leaks at con lubrication check for lubrication check for loose or dan lubrication check for leaks at con lubrication check for loose or dan lubrication check for lubrication check for loose or dan lubrication check for lubrication	Is item properly installed on machine		Check for cracked or broken structures and welds	16
fill/replace if needed 4 Check connectors and Check wire for damage Check for proper inflation or eign matter 5 Check for loose or dan Check that clamps are 11 Check for leaks at con Check for proper lubric Check for prope	500		Service as required by engine manufacturer	17
and fill/replace if needed operating engine operating matter foreign matter le operating machine operating engine oper			Lubricate	18
5 6 7 7 10 11 12 13	and fill/replace if needed			19
6 7 7 10 11 12 13			Check wire for damaged, frayed, or broken strands	20
7 8 9 10 11 12 13 15			Check for proper inflation/pressure	21
8 9 10 11 12 13 13 15			Check for loose or damaged wiring	22
cks or leaks 9 2essive wear 10 2nce as needed 12 2nce as needed 12 3nce as needed 13 41 41 45			Check that clamps are tight and not corroded	23
ce as needed 12 e 13 terioration, damage or excessive wear 15			Check complete path for any condition that could damage rope	24
ace as needed 12 Te 13 terioration, damage or excessive wear 15			Replace	25
as needed 12 13 13 14 15			Check for leaks at connection points	26
13	as needed		Drain and fill	27
14			Inspect for contaminants and other problems	28
			Check for proper lubrication	29
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Inspector's Initials: Daily or 10 Hour Check List	27 Wire Rope	26 Transmission/Torque Converter	25 Tires	24 Steps and Ladders	23 Signal and Running Lights & Horn	22 Power Steering Reservoir (TM500E-2)	Operator's Manual	20 Lock-out Cylinder & Slew Potentiometer	19 Load Moment Indicator	18 Hydraulic Tank	17 Hydraulic Oil Filter	16 Hourmeter (TM500E-2 Carrier and Superstructure)	15 Hook Block & Headache Ball Safety Latch	14 Hoists	Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	11 Fuel Tank (TM500E-2 Carrier and Superstructure)	Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)	IGIIIO			RT & TM IN	
Initials:	15, 20, 29	4	6, 10, 21	6, 15, 16	2, 3	4	_	7, 8	7, 19, 22	4, 6	4	3, 5, 19	3, 9, 10	1, 6, 7	3, 5, 7	13	4	15	4, 6	4	3, 7, 13	3, 7	7	1, 6, 7	7	7, 19	4, 9, 12	Code	Inspection		SPI	
August																												1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 8 9 20 21 22 23 24 25 26 27 28 29 30 31	Day of Inspection	August Daily or 10 Hour Check List	RT & TM INSPECTION & LUBRICATION SERVICE LOG	



		Daily or 10 Hour Check List	eck List
Task to Perform	Code	Task to Perform	Code
Is item properly installed on machine	1	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	ယ	Lubricate	18
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	51	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	8	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	11	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Inspect for contaminants and other problems	28
Change filter	14	Check for proper lubrication	29
Check for deterioration, damage or excessive wear	15		30
Daily or 10 Hour Check List			



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Daily or 10 Hour Check List			Wire Rope	Transmission/Torque Converter	Tires	Steps and Ladders	Signal and Running Lights & Horn	Power Steering Reservoir (TM500E-2)	Operator's Manua	20 Lock-out Cylinder & Slew Potentiometer	19 Load Moment Indicator	Hydraulic Tank	17 Hydraulic Oil Filter	16 Hourmeter (TM500E-2 Carrier and Superstructure)	15 Hook Block & Headache Ball Safety Latch	14 Hoists	13 Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	11 Fuel Tank (TM500E-2 Carrier and Superstructure)	10 Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)				
10 H			Эе	ssion/To		d Ladde	nd Runni	teering F	's Manu	Cylinde	ment Inc	Tank	Oil Filte	er (TM500	ck & He	11 11 11	and Instr	er Sepa	K (TM500E		Se (TM500	System (nd Air S	Swing, F	igle Indic	d Attach	Alarm	Block (A	ег (TM500				71
our C				rque Co		rs	ing Ligh	Reservo	al	r & Slev	dicator		er	E-2 Carrie	adache		ruments	rator - P	-2 Carrier		E-2 Carrie	TM500E-2	ystem (i	oot & P	cator	ments		2B) Ele)E-2 Carrie		Items		H
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	l	Inspector's Initials:													ב			Carrier				ucture)											RT & TM INSPECTION & LUBRICATI
	l	Initia	15, 20, 29	4	6, 10, 21	6, 15,	2, 3	4	_	7,8	7, 19, 22	4, 6	4	3, 5, 19	3, 9, 10	1, 6, 7	3, 5, 7	13	4	15	4, 6	4	3, 7, 13	3, 7	7	1, 6, 7	7	7, 19	4, 9, 12	Code	Codo	Inenect	S
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Clean or replace as needed Check torque Daily or 10 Hour Check List Check for deterioration, damage or excessive wear Change filter Drain moisture Check for excessive wear Check for cracks or leaks Check for proper adjustment Check for proper operation while operating machine Check for excess dirt, grease, or foreign matter Check for proper reading while operating engine Check for proper service/level and fill/replace if needed Check for proper working order Check for cracked or broken glass Is item properly installed on machine RT & TM INSPECTION & LUBRICATION SERVICE CODE Task to Perform Code 15 14 = 13 12 6 9 00 7 0 CI w 4 N Check for proper lubrication Drain and fill Inspect for contaminants and other problems Check for leaks at connection points Replace Check complete path for any condition that could damage rope Check that clamps are tight and not corroded Check for loose or damaged wiring Check for proper inflation/pressure Check wire for damaged, frayed, or broken strands Check connectors and wiring for proper alignment and insulation Lubricate Service as required by engine manufacturer Check for cracked or broken structures and welds Task to Perform Daily or 10 Hour Check List S Code 30 28 29 27 26 24 23 22 2 25 20 19 200 17 16



D		27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	З	2	_	Line I	tem		1
Daily or 10 Hour Check List	Inspector's Initials:	Wire Rope	26 Transmission/Torque Converter	Tires	Steps and Ladders	Signal and Running Lights & Horn	Power Steering Reservoir (TM500E-2)	Operator's Manual	20 Lock-out Cylinder & Slew Potentiometer	19 Load Moment Indicator	18 Hydraulic Tank	17 Hydraulic Oil Filter	16 Hourmeter (TM500E-2 Carrier and Superstructure)	15 Hook Block & Headache Ball Safety Latch	14 Hoists	Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	11 Fuel Tank (TM500E-2 Carrier and Superstructure)	10 Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)	irems		RT & TM IN	
	Initials:	15, 20, 29	4	6, 10, 21	6, 15, 16	2, 3	4	_	7, 8	7, 19, 22	4, 6	4	3, 5, 19	3, 9, 10	1, 6, 7	3, 5, 7	13	4	15	4, 6	4	3, 7, 13	3, 7	7	1, 6, 7	7	7, 19	4, 9, 12	Code	Inspection	SPE	
October																													Day of inspection 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	October Daily or 10 Hour Check List	RT & TM INSPECTION & LUBRICATION SERVICE LOG	



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	9		
Task to Perform	Code	Task to Perform Code Code	Code LIST
ls item properly installed on machine	_	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	ယ	Lubricate	\$ 200
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	OI	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	8	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	11	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Inspect for contaminants and other problems	28
Change filter	14	Check for proper lubrication	29
Check for deterioration, damage or excessive wear	15		30
Daily or 10 Hour Check List			



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Daily or 10 Hour Check List	Inspector's Initials:	27 Wire Rope	26 Transmission/Torque Converter	25 Tires	24 Steps and Ladders	23 Signal and Running Lights & Horn	22 Power Steering Reservoir (TM500E-2)	21 Operator's Manual	20 Lock-out Cylinder & Slew Potentiometer	19 Load Moment Indicator	18 Hydraulic Tank	17 Hydraulic Oil Filter	16 Hourmeter (TM500E-2 Carrier and Superstructure)	15 Hook Block & Headache Ball Safety Latch	14 Hoists	13 Gauges and Instruments	12 Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	11 Fuel Tank (TM500E-2 Carrier and Superstructure)	10 Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)		Items		RT & TM IN
	s Initials:	15, 20, 29	4	6, 10, 21	6, 15, 16	2, 3	4	-1	7, 8	7, 19, 22	4, 6	4	3, 5, 19	3, 9, 10	1, 6, 7	3, 5, 7	13	4	15	4, 6	4	3, 7, 13	3, 7	7	1, 6, 7	7	7, 19	4, 9, 12	0000	Code	la contraction de la contracti	SPE
November November																													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	Day of Inspection	November Daily or 10 Hour Check List	RT & TM INSPECTION & LUBRICATION SERVICE LOG



	10 33	Daily or 10 Hour Check List	neck List
Task to Perform	Code	Task to Perform	Code
Is item properly installed on machine	1	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	3	Lubricate	18
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	5	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	8	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	1	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Inspect for contaminants and other problems	28
Change filter	14	Check for proper lubrication	29
Check for deterioration, damage or excessive wear	15		30
Daily or 10 Hour Check List			



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Daily or 10 Hour Check List	Inspector's Initials:	27 Wire Rope	Transmission/Torque Converter	Tires	Steps and Ladders	Signal and Running Lights & Horn	Power Steering Reservoir (TM500E-2)	Operator's Manual	Lock-out Cylinder & Slew Potentiometer	Load Moment Indicator	Hydraulic Tank	Hydraulic Oil Filter	Hourmeter (TM500E-2 Carrier and Superstructure)	Hook Block & Headache Ball Safety Latch	Hoists	Gauges and Instruments	Fuel/Water Separator - Primary (TM500E-2 Carrier and Superstructure)	Fuel Tank (TM500E-2 Carrier and Superstructure)	Decals	Crankcase (TM500E-2 Carrier and Superstructure)	Cooling System (TM500E-2 Carrier and Superstructure)	Brakes and Air System (if equipped)	Brakes (Swing, Foot & Parking)	Boom Angle Indicator	Boom and Attachments	Back-up Alarm	Anti-two Block (A2B) Elec. & Hyd.	Air Cleaner (TM500E-2 Carrier and Superstructure)	Items		RT & TM IN
	Initials:	15, 20, 29	4	6, 10, 21	6, 15, 16	2, 3	4	1	7, 8	7, 19, 22	4, 6	4	3, 5, 19	3, 9, 10	1, 6, 7	3, 5, 7	13	4	15	4, 6	4	3, 7, 13	3, 7	7	1, 6, 7	7	7, 19	4, 9, 12	Code	Inspection	SPE
December																													Day of inspection 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	December Daily or 10 Hour Check List	RT & TM INSPECTION & LUBRICATION SERVICE LOG



			Weekly or 50 Hours Check List
30		15	Check for deterioration, damage or excessive wear
29		14	Change filter
28	Inspect for contaminants and other problems	13	Drain moisture
27	Drain and fill	12	Clean or replace as needed
26	Check for leaks at connection points	1	Check torque
25	Replace	10	Check for excessive wear
24	Check complete path for any condition that could damage rope	9	Check for cracks or leaks
23	Check that clamps are tight and not corroded	8	Check for proper adjustment
22	Check for loose or damaged wiring	7	Check for proper operation while operating machine
21	Check for proper inflation/pressure	6	Check for excess dirt, grease, or foreign matter
20	Check wire for damaged, frayed, or broken strands	51	Check for proper reading while operating engine
19	Check connectors and wiring for proper alignment and insulation	4	Check for proper service/level and fill/replace if needed
18	Lubricate	ω	Check for proper working order
17	Service as required by engine manufacturer	2	Check for cracked or broken glass
16	Check for cracked or broken structures and welds	_	Is item properly installed on machine
Code	Task to Perform	Code	Task to Perform
neck List	Weekly or 50 Hours Check List		



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Hourmeter Reading:	Inspector's Initials:	Wiring	20 Wheel Lugs		Turntable Bearing - Inner Race (TMS9000E)	Transmission Filter (1st 50 & 100 hrs RT Models)	16 Transmission Filter (1st 200 hrs TMS600E)	15 Sheaves	14 Pumps & Motors	Outrigger Float Pads	Outrigger Beams, Tubes and Barrels	Lubrication System (TMS9000E)	Lift Cylinder & Boom Pivot Pins (TMS9000E)	Hydraulic Hoses	Hoist Gears (TMS9000E)	Hoists	Counterweight	Coolant Strainer (1st 100 hours)	Boom Wear Pads & Slide Faces	Belts (TM500E-2 Carrier and Superstructure)	Battery and Cable Clamps (TM500E-2 Carrier and Superstructure)	Air Compressor Oil Level		Items		ZI & IM IN	
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Weekly or 50 Hours Check List

		Weekly or 50 Hours Check List	eck List
Task to Perform	Code	Task to Perform	Code
ls item properly installed on machine	_	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	ယ	Lubricate	18
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	51	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	∞	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	3	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Inspect for contaminants and other problems	28
Change filter	14		29
Check for deterioration, damage or excessive wear	15		30
Weekly or 50 Hours Check List			



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Weekly or 50 Hours Check List	Hourmeter Reading:	Inspector's Initials:	21 Wiring	20 Wheel Lugs	19 Turntable Gearbox	Turntable Bearing - Inner Race (TMS9000E)	Transmission Filter (1st 50 & 100 hrs RT Models)	16 Transmission Filter (1st 200 hrs TMS600E)	15 Sheaves	14 Pumps & Motors		rrels		Lift Cylinder & Boom Pivot Pins (TMS9000E)		Hoist Gears (TMS9000E)	TO THE REAL PROPERTY.	Counterweight 1	Coolant Strainer (1st 100 hours)	Boom Wear Pads & Slide Faces	irrier and Superstructure)	Battery and Cable Clamps (TM500E-2 Carrier and Superstructure)	Air Compressor Oil Level	Items		RT & TM INS
	ding	itials	22	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	4, 9	11, 16	12	18	8, 10	23	4, 8	Code	Inspection	P
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			Monthly or 250 Hours Check List
30		15	Check for deterioration, damage or excessive wear
29	Check for proper lubrication	14	Change filter
28	Inspect for contaminants and other problems	13	Drain moisture
27	Drain and fill	12	Clean or replace as needed
26	Check for leaks at connection points	1	Check torque
25	Replace	10	Check for excessive wear
24	Check complete path for any condition that could damage rope	9	Check for cracks or leaks
23	Check that clamps are tight and not corroded	œ	Check for proper adjustment
22	Check for loose or damaged wiring	7	Check for proper operation while operating machine
21	Check for proper inflation/pressure	6	Check for excess dirt, grease, or foreign matter
20	Check wire for damaged, frayed, or broken strands	5	Check for proper reading while operating engine
19	Check connectors and wiring for proper alignment and insulation	4	Check for proper service/level and fill/replace if needed
18	Lubricate	ω	Check for proper working order
17	Service as required by engine manufacturer	2	Check for cracked or broken glass
16	Check for cracked or broken structures and welds		Is item properly installed on machine
Code	Task to Perform	Code	Task to Perform
eck List	Monthly or 250 Hours Check List		



3		235	19	18	17	16	15	14	13	12	11	10	9	8	7	6	Ŋ	4	ω	2	1	Line It	em	
Monthly or DEO Hours Chook I jet		Page 1 of 2	19 Hoses	_	Hose Clamps, Guards, Shields (TM500E-2 Carrier and Superstructure)	Hoist Cable Follower Arms (Not on TMS9000E)	15 Hook Block and/or Headache Ball	14 Front-Rear Axle Bowl (TM Models)	13 Front Axle Hubs (TM Models)	Fire Extinguisher (TM500E-2 Carrier and Superstructure)	11 Extend and Retract Sheaves & Roller	10 Derricking Cylinder Pivot Pin (TMS9000E)	Crankcase (RT880E, RT890E)	Crankcase (TM500E-2 Superstructure)	Crankcase (TMS600E)	Cold Weather Starting Aid	Clutch Throw-Out Bearing (TMS600E, TMS700E, TMS800E, TMS9000E)	Cable, Nose, Extension Sheaves	Boom Extension Stowage Ramp Wear Pads (TMS600E)	Boom	Batteries (TM500E-2 Carrier and Superstructure)	Items	The second secon	RT & TM INSPECTION & LUBRICAT
			6, 9, 15	18	_	18	18	4	4	1, 4	18	18	14, 27	14, 27	14, 27	1, 3, 9, 19	18	18	18	16	4	Code	Inspection	SPI
	Hourmeter Reading:	Inspector's Initials:				250 Hrs or 3 Months	250 Hrs or 3 Months				250 Hrs or 3 Months	Every 100 hours		Every 250 hours	Every 400 hours			250 Hrs or 3 Months				Note		ECTION &
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		Monthly or 250 Hours Check List	eck List
Task to Perform	Code	Task to Perform	Code
Is item properly installed on machine	_	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	3	Lubricate	100
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	Si	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	8	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	1	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Inspect for contaminants and other problems	28
Change filter	14	Check for proper lubrication	29
Check for deterioration, damage or excessive wear	15		30
Monthly or 250 Hours Check List			



RT & TM INSPECTION & LUBRICATIO	SPE	CTION &		BR	CA	H	2	N SERVICE	RV	C		LOG		
all complete part	Inspection								Mon	thly o	r 250 I	Hours	Monthly or 250 Hours Check List	List
Line It	Code	Note	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
20 Hydraulic Pump - Cab Tilt (TM500E-2)	28	10	200			2	2	20 000			던	34	70	
21 Internal Side & Bottom Wear Pads (TM500E-2, TMS800E)	18	250 Hrs or 3 Months	II W			4		1 1	24 25 25	3 6			a W att	
Jib & Lattice Extension Pins (if equipped)	1, 15			4									8	3 3
23 Mast Pivot Pin (TMS9000E)	18	Every 100 hours	1838	£ .										
24 Pivot Shaft - Boom	18	250 Hrs or 3 Months	= ×					338						
25 Pump Drive (TMS700E)	4	100 Hrs or monthly												
26 Pump Drive Shaft U-Joints (TMS600E, TMS9000E, TMS700E, TMS800E)	18				20				0 E 50E	1/2		38		
27 Radiator	16			7.5		-				10.7	100 120			,
28 Rear-Rear Axle Bowl (TM Models)	4													
29 Side Wear Pads - Boom (RT Models)	18	250 Hrs or 3 Months						2						
30 Steering Relay Arms (TMS600E, TMS700E, TMS800E, TMS9000E)	18			2: //	11 1						2			
31 Swingaway Hanger Wear Pads (RT Models)	18				- 17				12					
32 Telescope Lock Pins - Boom (TMS600E, TMS9000E)	18	250 Hrs or 3 Months		7		8								
33 Turntable Bolts	11	First 300 Hours												,
34 Turntable Gearbox	27	First 250 hours		-	V									*
35 Valves & Cylinders	9, 16													
36 10m Section Pivot Pin (TMS9000E)	18	Every 100 hours		5									4	
Page 2 of 2		Inspector's Initials:					100		E 41	3 3	± 8	l W		0 * ** 8 # 1
		Hourmeter Reading:				я		+2 J	0 2 2	2	3	2 5 81	q 2	. X
Monthly or 250 Hours Check List														
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RT & TM **INSPECTION & LUBRICATION SERVICE CODES**

	Hour if Noted)	ist (400 h	3 Months, 6 Months, 12 Months, or 500 Hour Check List (400 Hour if Noted)
30		15	Check for deterioration, damage or excessive wear
29	Note: At 400 hours for TMS600E, TMS700E, TMS800E, TMS9000E	14	Change filter
28	Inspect for contaminants and other problems	13	Drain moisture
27	Drain and fill	12	Clean or replace as needed
26	Check for leaks at connection points	11	Check torque
25	Replace	10	Check for excessive wear
24	Check complete path for any condition that could damage rope	9	Check for cracks or leaks
23	Check that clamps are tight and not corroded	8	Check for proper adjustment
22	Check for loose or damaged wiring	7	Check for proper operation while operating machine
21	Check for proper inflation/pressure	6	Check for excess dirt, grease, or foreign matter
20	Check wire for damaged, frayed, or broken strands	5	Check for proper reading while operating engine
19	Check connectors and wiring for proper alignment and insulation	4	Check for proper service/level and fill/replace if needed
18	Lubricate	3	Check for proper working order
17	Service as required by engine manufacturer	2	Check for cracked or broken glass
16	Check for cracked or broken structures and welds	4	ls item properly installed on machine
Code	Task to Perform	Code	Task to Perform
f Noted)	iths, 6 Months, 12 Months, or 500 Hour Check List (400 Hour if Noted)	3 Months,	



Mo			36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	Line II	em		
Monthly or 250 Hours Check List		Page 2 of 2	36 10m Section Pivot Pin (TMS9000E)	Valves & Cylinders	Turntable Gearbox	Turntable Bolts	Telescope Lock Pins - Boom (TMS600E, TMS9000E)	Swingaway Hanger Wear Pads (RT Models)	Steering Relay Arms (TMS600E, TMS700E, TMS800E, TMS9000E)	29 Side Wear Pads - Boom (RT Models)	28 Rear-Rear Axle Bowl (TM Models)	Radiator	Pump Drive Shaft U-Joints (TMS600E, TMS9000E, TMS700E, TMS800E)	Pump Drive (TMS700E)	Pivot Shaft - Boom	Mast Pivot Pin (TMS9000E)	Jib & Lattice Extension Pins (if equipped)	Internal Side & Bottom Wear Pads (TM500E-2, TMS800E)	Hydraulic Pump - Cab Tilt (TM500E-2)	Items	The second secon	RT & TM INSPECTION & LUBRICATI	
			18	9, 16	27	11	18	18	18	18	4	16	18	4	18	18	1, 15	18	28	Code	Inspection	SP	
	Hourmeter Reading:	Inspector's Initials:	Every 100 hours		First 250 hours	First 300 Hours	250 Hrs or 3 Months			250 Hrs or 3 Months				100 Hrs or monthly	250 Hrs or 3 Months	Every 100 hours		250 Hrs or 3 Months		Note		ECTION &	
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Check for deterioration, damage or excessive wear Change filter Drain moisture Clean or replace as needed Check torque Check for excessive wear Check for cracks or leaks Check for proper adjustment Check for proper operation while operating machine Check for excess dirt, grease, or foreign matter Check for proper reading while operating engine Check for proper service/level and fill/replace if needed Check for proper working order Check for cracked or broken glass Is item properly installed on machine Months, 6 Months, 12 Months, or 500 Hour Check List (400 Hour if Noted) RT & TM INSPECTION & LUBRICATION SERVICE Task to Perform Code 5 14 13 1 12 0 3 Months, 6 Months, 12 Months, or 500 Hour Check List (400 Hour if Noted 9 ∞ 0 O 4 w N Note: At 400 hours for TMS600E, TMS700E, TMS800E, TMS9000E Inspect for contaminants and other problems Drain and fill Check for leaks at connection points Check complete path for any condition that could damage rope Check for loose or damaged wiring Check for proper inflation/pressure Replace Check that clamps are tight and not corroded Check wire for damaged, frayed, or broken strands Check connectors and wiring for proper alignment and insulation Service as required by engine manufacturer Check for cracked or broken structures and welds Lubricate Task to Perform S M S Code 29 27 30 28 26 25 24 23 22 2 20 19 8 17 16



S		100	18	17	16	15	14	13	12	11	10	9	8	7	0	5	4	3	2		Line It	em		
3 Months, 6 Months, 12 Months, or 500 Hour Check List (400 Hour if Noted)		Page 1 of 2	Fuel Filter (RT Models but not RT600E, TM500E-2, TMS600E)	Driveline Slip (TM Models)	Driveline - Intermediate (TMS600E)	15 Driveline - Front Carrier Bearing (TMS600E)	14 Drive Train Slip Joints (RT Models)	13 Differential Breather (RT Models)	12 Crankcase (TM500E-2 Carrier)	Crankcase (RT600E, RT9130E)	Crankcase (RT530E-2, RT540E, RT700E, TMS600E, TMS700E, TMS800E, TMS9000E)	Crane Structure	Cooling System (RT9130E)	Clutch Linkage (TMS600E, TMS700E, TMS800E, TMS9000E)	Cab Track Rollers and Walkway Slides (TMS600E, TMS9000E)	Cab Tilt Cylinder (RT880E, RT890E & RT9130E)	Cab Pillow Block (RT880E, RT890E & RT9130E)	Boom Upper Wear Pads (TMS9000E)	Boom Mast Sheave (Not on RT9130E)	Axle (RT Models)	Items	TOTAL STREET,	RT & TM INSPECTION & LUBRICATI	
or 500 H	11		14	18	18	18	18	3	14, 27	14, 27	14, 27, 29	16	14	18	18	18	18	18	18	4	Code	Inspection	SPE	
lour Check List (400 I	Hourmeter Reading:	Inspector's Initials:	Six (6) Months	10,000 miles	3 Months or 10,000 miles	3 Months or 10,000 miles	Three (3) Months	Three (3) Months	6 Months or 15,000 miles	Three (3) Months	Six (6) Months	Three (3) Months	Three (3) Months		Six (6) Months	Three (3) Months	Three (3) Months	Six (6) Months	Twelve (12) Months	Three (3) Months	Interval Months (Or 500 hours, whichever comes first)	3 Mor	ECTION & I	
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一年の一大の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	3 Mon	3 Months, 6 Months, 12 Months, or 500 Hour Check List (400 Hour if Noted)	Noted)
Task to Perform	Code	Task to Perform	Code
Is item properly installed on machine	1	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	3	Lubricate	18
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	5	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	∞	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	1	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Inspect for contaminants and other problems	28
Change filter	14	Note: At 400 hours for TMS600E, TMS700E, TMS800E, TMS9000E	29
Check for deterioration, damage or excessive wear	15	Note: At 1000 hours or 12 months for TMS9000E	30
3 Months, 6 Months, 12 Months, or 500 Hour Check List (400 Hour if Noted)	ist (400 H	our if Noted)	



w		7.00	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	Line Ite	em	
Months, 6 Months, 12 Months,		Page 2 of 2	38 Turntable Gear Box	37 Turntable Bolts	36 Turntable Bearing & Drive Pinion	Transmission Shift U-Joint (TMS600E, TMS700E, TMS800E, TMS9000E)	Transmission Filter (RT Models)	Transmission, Aux (TMS800E)	Transmission (TMS600E, TMS700E, TMS800E, TMS9000E)	Telescopic Lock Pins & Sled (TMS9000E)	Telescopic Cylinder Wear Pads (TM500E-2)	Telescopic Slide Faces/ Support Pads	Strainer (RT880E, RT890E, & RT9130E)	Steer & Suspension Pivot & King Pins (RT Models)	Pump Drive Shaft Spline (TMS600E, TMS700E, TMS800E, TMS9000E)	Pump Drive (TMS700E)	Muffler & Boom	Mounting Bolts (Transmission, Engine, Hoist, Gearbox, Axle)	Lift Cylinder Pins (Not on RT880E, RT890E, TMS800E, TMS9000E)	21 Hydraulic Oil	20 Hose Reel (RT Models)	Fuel Filter (RT600E, TMS800E)	Items		RT & TM INSPECTION & LUBRICATI
or 500 H			27, 30	11	18	18	14	4, 27	4	18	18	18	25	18	18	27	8, 9	1	18	29	18	14	Code	Inspection	SPI
12 Months, or 500 Hour Check List (400 Hour if Noted)	Hourmeter Reading:	Inspector's Initials:	Twelve (12) Months	Three (3) Months	Six (6) Months		Three (3) Months	Six (6) Months / 9000 Miles	Six (6) Months / 9000 Miles	Three (3) Months	125 Hours or Three (3) Months	Six (6) Months	Six (6) Months	Three (3) Months		500 Hours	Three (3) Months	Three (3) Months	Three (3) Months	3 to 6 Months	Six (6) Months	Three (3) Months	Interval Months (Or 500 hours, whichever comes first)	3 Months,	ECTION &
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刀二 20 INSPECTION & **LUBRICATION SERVICE** CODES

			1000
		6, 12, 24, 36 Months or 1000, 2000, 3000, 4000 Hours	Hours
Task to Perform	Code	Task to Perform	Code
ls item properly installed on machine	_	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	ယ	Lubricate	100
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	OI	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	∞	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	=	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Clean plug	28
Change filter	14	Laboratory analyze	29
Check for deterioration, damage or excessive wear	15		30
6. 12. 24. 36 Months or 1000, 2000, 3000, 4000 Hours			



	RT & TM INSPECTION & LUBRICATI	SPE	CTIC	ON & L	C	BR	S	H	2	SE	ERVI	<u>C</u>	F	0G		
em		Inspection						6, 12,	24, 36	Mont	hs or	1000,	2000,	3000,	24, 36 Months or 1000, 2000, 3000, 4000 Hours	ours
Line It	Items	Code	Hours ((or) Months	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
_	Axle Differentials (RT Models)	9	1000	6 Months			10.00	1000	F - 1 - 1	ĸ				17466	100	*
2	Axle Differentials (RT Models)	9, 27	4000	24 Months	1 10 20	4.5										
w	Axle Planetary Hubs - Front (RT Models)	3	1000	6 Months	.7.		-			N	£				1	*
4	Axle Planetary Hubs - Rear (RT Models)	3	1000	6 Months	4.6	120	4									
S	Boom Wear Pads (RT Models)	10, 12	1000	6 Months		2					100	: 1 6			8	3
0	Brake Lines	3, 10	1000	6 Months		344		1								
7	Cab Tilt Pump (TM500E-2)	18	As needed	As needed		1					£	2 2 2				
œ	Coolant Strainer (Not on TMS9000E)	12	2000	12 Months		*										
9	Cooling System (RT530E-2, RT540E, RT600E, RT700E)	9, 27	2000	12 Months		285	- 1	1.00			1		- !			
10	_	9, 27	2000	12 Months		5							2			
7	and the latest designation of the latest des	14	2000	12 Months	2			85			*9					
12		18	1000			S	1									
13	Front Axle Brake Slack Adjusters (TM Models)	18	1000				14)		٠	54	ř.		ė.			
14	14 Front Axle King Pins (TM Models)	18	1000		ā			1								
15	15 Front Axle Tie Rod Ends (TM Models)	18	1000				100				,					
16	16 Front-Rear Axle Bowl (TM Models)	14, 27, 28	50,000 Miles	24 Months				. ·	2	2						1
17	17 Hoists	9, 27	1000	12 Months	×	3	200									5
18	Hydraulic Oil	29	2000	24 Months						11		*				7
19	Miter Box, Steering (TM500E-2)	18	1000	12 Months	100			13			10 N N	95		4.3		1.4
20	Power Steering Gearbox (TMS600E, TMS700E, TMS800E,TMS9000E)	18	1000	6 Months	i,					3.7	V	8	æ.			98
	Page 1 of 2		Inspect	Inspector's Initials:			*	50 (0)		ζ.,			•		12 (2007) 241	2
			Hourmet	Hourmeter Reading:												
ු	12, 24, 36 Months or 1000, 2000, 3000, 4000 Hours	0, 3000,	4000 Hou	S												
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R Qo **INSPECTION** 20 **LUBRICATION SERVICE CODES**

		6, 12, 24, 36 Months or 1000, 2000, 3000, 4000 Hours	Hours
Task to Perform	Code	Task to Perform	Code
ls item properly installed on machine		Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	ယ	Lubricate	200
Check for proper service/level and fill/replace if needed	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	O	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operating machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	∞	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	1	Check for leaks at connection points	26
Clean or replace as needed	12	Drain and fill	27
Drain moisture	13	Clean plug	28
Change filter	14	Laboratory analyze	29
Check for deterioration, damage or excessive wear	5		30
6. 12. 24. 36 Months or 1000, 2000, 3000, 4000 Hours			



6			37	36	35	34	ဒ္	32	31	30	29	28	27	26	25	24	23	22	21	Line It	em		
12, 24, 36 Months or 1000, 2000, 3000, 4000 Hours		Page 2 of 2		36 Wire Rope	Turntable Gear Box	Transmission/Torque Converter (RT Models)	Transmission, Standard (TMS600E)	Transmission, Automatic (TMS600E)	Transmission Filter (TMS9000E)	Transmission Filter (TMS600E, TMS800E)	Transmission (TMS700E, TMS800E, TMS9000E)	Transmission (TM500E-2)	Swing Gearbox (RT Models)	Steer Connecting Rod (TM500E-2)	Spring Eye Bushings/Shackles (TM500E-2)	24 Rear-Rear Axle Bowl (TM Models)	Rear Axle Brake Slack Adjusters (TM Models)	Rear Axle Brake Camshafts (TM Models)	Retarder (RT9130E)	Items		RT & TM INSPECTION & LUBRICATI	
0, 3000,				15, 18, 20	27	9, 27	14, 27	14, 27	14	14	27	27	9, 27	18	18	27, 28	18	18	18	Code	Inspection	ISPE	
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ITS	Hourmeter Reading:	Inspector's Initials:		12 Months	12 Months	6 Months	12 Months	36 Months	24 Months		24 Months	36 Months	6 Months		12 Months	24 Months			12 Months	(or) Months		ON &	
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Check for deterioration, damage or excessive wear Change filter Drain moisture Check torque Clean or replace as needed Check for excessive wear Check for cracks or leaks Check for proper adjustment Check for proper operation while operating machine Check for excess dirt, grease, or foreign matter Check for proper reading while operating engine Check for proper service/level and fill/replace if needed Check for proper working order Check for cracked or broken glass Is item properly installed on machine 80 TM INSPECTION & Task to Perform Code 5 4 3 12 1 0 9 ∞ 0 CT 4 W N **LUBRICATION SERVICE CODES** Check things that will affect proper operation Check for leaks at connection points Clean plug Drain and fill Replace Check complete path for any condition that could damage rope Check that clamps are tight and not corroded Laboratory analyze Check for loose or damaged wiring Check for proper inflation/pressure Check wire for damaged, frayed, or broken strands Check connectors and wiring for proper alignment and insulation Service as required by engine manufacturer Check for cracked or broken structures and welds Lubricate Task to Perform Monthly - Storage Cranes Only Code 30 29 28 27 26 25 24 23 22 2 20 19 8 17 6



Monthly - Storage Cranes Only

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r May June Juli		Hourmeter Reading:	Inspector's Initials:		violent prices.	Visually check	Visually check	Forward and reverse all gears to include 4 wheel drive	Two cycles	High/Low speeds both directions	Two revolutions both directions	In, Out, Up, Down 2 cycles	Lift and Telescope 2 cycles												ECTION & I
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		1000 Mile Check List	eck List
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Is item properly installed on machine	1	Check for cracked or broken structures and welds	16
Check for cracked or broken glass	2	Service as required by engine manufacturer	17
Check for proper working order	3	Lubricate	
Check for proper service/level	4	Check connectors and wiring for proper alignment and insulation	19
Check for proper reading while operating engine	5	Check wire for damaged, frayed, or broken strands	20
Check for excess dirt, grease, or foreign matter	6	Check for proper inflation/pressure	21
Check for proper operation while operation machine	7	Check for loose or damaged wiring	22
Check for proper adjustment	8	Check that clamps are tight and not corroded	23
Check for cracks or leaks	9	Check complete path for any condition that could damage rope	24
Check for excessive wear	10	Replace	25
Check torque	1	Check for leaks at connection points	26
Clean or replace	12	Drain and fill	27
Drain moisture	13		28
Change filter	14		29
Check for deterioration, damage or excessive wear	15	and the second s	30
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