

TECHNICAL TIPS

CRANES

Type of Tip:

POL & Maintenance Schedule

Necessary Tools:

None Required

Applicable Models:

RT200 Series

My Terex
CRANES

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 **TEREX**

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Basic Safety Rules



Danger

Failure to follow the instructions and safety rules in the Operator's Manual and Service Manual appropriate to your machine will result in death or serious injury. Many of the risks identified in the operator's manual are also safety risks when maintenance and repair procedures are performed.

Do not perform maintenance unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
 - The manufacturer's instructions and safety rules
 - Employer safety rules and workplace regulations
 - Applicable government regulations

- You have the appropriate tools, lifting equipment and a suitable location.

The information contained in this technical tip is a supplement to the service manual. Consult the appropriate service manual for your machine for safety rules and risks.

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POL Maintenance Schedule

		DAILY (8 HOURS)	WEEKLY (40 HOURS)	TWO WEEKS (80-100 HOURS)	ONE MONTH (100-200 HOURS)	THREE MONTHS (100-200 HOURS)	SIX MONTHS (500 HOURS)	YEARLY (1000 - 2000 HOURS)	REF	DESCRIPTION	QUANTITY	NO.	STANDARD LUBRICANT	ARTIC LUBRICANT
CHK	P								1	CUMMINS QSB 4.5	13.7 QT W/FILTER	1	CONSULT ENGINE MANUFACTURER'S MANUAL	CONSULT ENGINE MANUFACTURER'S MANUAL
CHK								D/R	2	COOLING SYSTEM-CUMMINS	42.5 QT.	1	ETHYLENE GLYCOL SAE J8148 MIXTURE: 50% BASE/50% WATER	ETHYLENE GLYCOL ARTIC 80/40
D									3	FUEL-WATER SEPERATOR		1		
CHK	P	INITIAL						D/R	4	TRANSMISSION	20.5 QT.	1	CONSULT TRANSMISSION MANUFACTURER'S MANUAL	MOBIL DELVAC SYNTHETIC ATF
				CHK					5	BRAKE RESERVOIR	0.6 PT.	1	SAE J-1703 BRAKE FLUID	SAE J-1703 BRAKE FLUID
CHK	INITIAL							D/R	6	HYDRAULIC RESERVOIR	81 GAL RESERVOIR 140 GAL SYSTEM	1	HYD OIL-KODOLING SPEC #805 REFER TO OPERATOR'S MANUAL FOR COMPLETE LISTING OF RECOMMENDED DIS FOR APPLICABLE TEMPERATURE RANGES, DRAIN & REFILL PROCEDURES.	MOBIL DTE 13M SERIES HYDRAULIC OIL
						LUB			7	BRAKE AIR BOOSTER	1 OZ.	1	ENGINE OIL SAE 10 W THRU PLUG IN CYLINDER END COVER	ENGINE OIL SAE 10 W THRU PLUG IN CYLINDER END COVER
CHK									8	OUTRIGGER BEAMS	AS REQ'D		REMOVE EXCESS DIRT	REMOVE EXCESS DIRT
		INITIAL C/R			CHK			D/R	9	WINCH	12.25 PT	1	AGMA 4EP	AGMA 4EP
									10	TURNTABLE GEAR, RACE	AS REQ'D	1	MFG BELOW 32°F: EP-1 ABOVE 32°F: EP-2	SWING UPPER UNIT WHILE GREASING, CONSULT OPERATOR'S MANUAL
	LUB								11	TURNTABLE GEAR, PINION	20 SHOTS	1	LUBRIPLATE LOW TEMP GEAR SHIELD OR EQUIV	
CHK								D/R	12	SWING REDUCTION UNIT	11 1/2 PT.	1	AGMA 4EP	AGMA 4EP
LUB									13	STEERING TRUNION BEARINGS	PURGE	4	MPG	MOBIL SHC 460
		INITIAL C/R						D/R	14	AXLE HUB DRIVE	3 QTS.	4	GL-5	SYNERGY SYNTHETIC GEAR LUBRICANT WITH LIMITED SLP ADDITIVE
									15	DRIVE SHAFT-REAR AXLE	PURGE	2	MPG	MOBIL SHC 460
									16	DRIVE SHAFT-FRONT AXLE	PURGE	4	MPG	MOBIL SHC 460
		INITIAL C/R						D/R	17	AXLE DIFFERENTIAL	30 PTS.	2	GL-5	SYNERGY SYNTHETIC GEAR LUBRICANT WITH LIMITED SLP ADDITIVE
LUB									18	STEER CYLINDER PINS	PURGE	4	MPG	MOBIL SHC 460
LUB									19	AXLE PIVOT & CYLINDERS	PURGE	6	MPG	MOBIL SHC 460
LUB									20	BOOM SLIDE PADS *	AS REQ'D	12	MPG	MOBIL SHC 460
LUB									21	WINCH CABLE ROLLER	PURGE	2	MPG	MOBIL SHC 460
LUB									22	BOOM PIVOT PIN	PURGE	2	MPG	MOBIL SHC 460
LUB									23	BOOM CYLINDER BUSHINGS	PURGE	2	MPG	MOBIL SHC 460
		CHK							24	BOOM EXTEND RETRACT CHAIN	AS REQ'D	4	ENGINE OIL SAE30W	ENGINE OIL SAE30W
LUB									25	CHAIN ROLLER	PURGE	4	MPG	MOBIL SHC 460
LUB									26	BOOM TIP SHEAVES	PURGE	6	MPG	MOBIL SHC 460
LUB									27	HOOK BLOCK SHEAVES	PURGE	2,3,4	MPG	MOBIL SHC 460
LUB									28	HOOK BLOCK TRUNION	PURGE	1	MPG	MOBIL SHC 460
LUB									29	JIB SHEAVE	PURGE	1	MPG	MOBIL SHC 460
LUB									30	JIB STINGER ROLLERS	PURGE	4	MPG	MOBIL SHC 460
									31					

LEGEND: P...PUSHSTICK
 CHK...CHECK
 LUB...LUBRICATE
 []...REPLACE FILTER
 D/R...DRAIN & REFILL
 D....DRAIN

* REFER TO OPERATORS MANUAL

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Lubrication Table

TABLE 2

SPECIFIED LUBRICANTS		
MPG	MULTI-PURPOSE GREASE	EP-2
GG	OPEN GEAR GREASE	Grade 8
GL-5	GEAR LUBRICANT, EP	SAE EP 80W90
AGMA 4EP	GEAR LUBRICANT, EP	*
HO	HYDRAULIC OIL	*Koehring Spec. 805
EO	ENGINE OIL	A.P.I. Class as Listed
TF	HYD TRANSMISSION FLUID	J20C,D
<p>*REFER TO OPERATOR'S MANUAL FOR COMPLETE LISTING OF RECOMMENDED OILS FOR APPLICABLE TEMPERATURE RANGES AND FOR DRAIN/REFILL PROCEDURES.</p>		