

Crown SC5300 Forklift Schedule

Fork Lift Plant Number	
Fork Lift Serial Number	

**For All Planned Maintenance, Security, Operational, Conditional & Lubrication Checks, Refer To
Crown SC5300 Maintenance Manual**

For All Lubrication Specifications See Service Manual For LUBE TYPE

Chart 1 – Planned Maintenance Lubrication

Index	Task Description	Lube Type	Quantity	250 Hrs	2000 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
L-1	Lift, Tilt & Accessory lever Linkage & Pivots (Trucks With Manual Valve Only)	O	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-2	Brake Pedal Pivot	B	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-3	Hydraulic Reservoir Oil	D	16.6 L	Check	Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	10 Micron Filter Element		1		Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Suction Strainer		1		Clean	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Breather Cap		1		Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-4	Accelerator Potentiometer Pivot	O	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-5	Accelerator Pedal Pivot	O	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-6	Brake Potentiometer Pivot	O	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-7	Tilt Cylinder Pivot	B	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-8	Armrest Adjustment Pin & Spring (EVP Trucks Only)	B	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-9	Directional Control Rollers (EVP Trucks Only)	B	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chart 2 – Planned Maintenance Lubrication

Index	Task Description	Lube Type	Quantity	250 Hrs	2000 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
L-1	Seat Deck Hinges	Q	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-2	Adjustment Latch	Q	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-3	Seat Deck Latch	Q	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-4	Seat Slides	Q	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-5	Steer Wheel Bearings	B	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-6	Drive Unit Oil (Drive Unit Oil 75W90 Used At Axle Oil Fill)	AAAA	775ml	Check	Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Chart 3 – Planned Maintenance Lubrication

Index	Task Description	Lube Type	Quantity	250 Hrs	2000 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
L-1	Lift Chains	G	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-2	Mast Pulleys	H	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-3	Mast Carriage & Column Rollers	B/E	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-4	Mast Channels	E	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-5	Side Shift Slider Rail	B/E	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-6	Fork Locking Pins	P	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-7	Fork Slide	P	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-8	Mast Pivots	B	As Req'd	Check		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L-9	Remove All excess Grease		Required	Remove		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chart 4 – Planned Maintenance Inspection

Index	Task Description	250 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
I-1	Overhead Guard, Secure With No Cracks	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-2	Seat Belt, Retainer & Switch	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-3	Seat Deck Latch	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-4	Gas struts, Hinges & Mounting Hardware	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-5	Battery Connector & Contacts	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-6	Battery Retainer Condition	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-7	Battery Rollers & Spacers	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-8	Battery Restraint Switch (BRES)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-9	Battery Stop Adjustment	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chart 5 – Planned Maintenance Inspection

Index	Task Description	250 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
I-1	Strobe, Tail & Work Lights	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-2	Horns Switch, Horn & Operation	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-3	Travel Alarm & Impact Sensor	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Chart 6 – Planned Maintenance Inspection

Index	Task Description	250 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
I-1	Control Handle & Switches	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-2	Key Switch	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-3	Steer Column Pivot, Universal & Adjustment Latch	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-4	Steer Command Encoder & Gears	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-5	Steer Unit	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-6	Armrest Potentiometers, Directional Control, Connections & Wiring (EPV Trucks Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-7	Armrest Horn & Operation (EPV Trucks only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-8	Armrest Adjustment, Pin & Spring (EPV Trucks Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-9	Armrest Manifold Valves (EVP Trucks Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-10	Main & Accessories Relief Valves (RVM & RVA) Operation (EVP Trucks Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chart 7 - Planned Maintenance Inspection

Index	Task Description	250 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
I-1	Lift & Accessory Relief Valves (RV1 & RVU) Operation (Trucks With Manual Valve Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-2	Tilt Restriction Solenoid Valve (SV1)& Tilt Position Assist Solenoid (SV3) (Trucks With Manual Valve Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-3	Accelerator Linkage, Switch Adjustment & Mounting Hardware	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-4	Tilt Cylinders, Mounting & Mounting Hardware	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-5	Brake Linkages, Mounting, Potentiometer & Operation	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-6	Traction Motors Mountings Secure	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-7	Drive Units Mountings Secure	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-8	Drive Tyres & Lug Nuts	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-9	Operator Presence Manifold Valves (Manual Valve Trucks Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-10	2 Accessories Manifold Valves (EVP & 2 Accessories Only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-11	Traction Motor Compartment & Steer Column Electrical Connections, Cables & Wiring	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-12	Traction Motor Compartment Hydraulic Hoses, Tubes & Fittings	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Chart 8 – Planned Maintenance Inspection

Index	Task Description	250 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
I-1	Fan	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-2	Contactor Tips	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-3	Distribution/ Relay Panels	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-4	Hydraulic Motor Mounting Secure	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-5	Hydraulic Pump	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-6	Steer Angle Potentiometer	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-7	Steer Axle / Cylinder	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-8	Steer Tyre Mountings Secure	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-9	Rear Compartment Electrical Connections, Cables & Wiring	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-10	Rear Compartment Hydraulic Hoses, Tubes & Fittings	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chart 9 – Planned Maintenance Inspection

Index	Task Description	250 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
I-1	Mast & Carriage Rollers	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-2	Mast Limit Switches (HGST1)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-3	Lift Chains & Anchors See Note A Below	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-4	Mast Pulley Rollers & Anchors	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-5	Yoke	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-6	Pressure Transducer (PT1)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-7	Brake Air Gap	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-8	Mast Channels	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-9	Lift Cylinders & Mountings	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-10	Mast Stops & Carriage Bumpers	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note A - Using Chain Gauge MTL0268 Check each Chain For Wear & Complete The table Below The Maximum Permissible Wear is 2% And Must Be checked At The 3 Locations Specified In The Table. **If Either Chain Wear Is 2% Or Over The Truck Must Be taken Out Of Service & Both Chains Replaced.** Before Starting, Check The Chain Gauge Is Within Calibration (Instructions ON Gauge) **Gauge Must Not Be Used If Calibration Check Fails**

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	Task Description	Percentage Wear	OK	Not OK (If Not OK, Rectify Or Notify M.E	Completed By
	Chain Gauge Calibration Check	N/A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Section Over Chain Sheave		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Section Above Carriage		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Section Midway		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Chart 10 – Planned Maintenance Inspection

Index	Task Description	250 Hrs	OK	Not OK. (Rectify Or Note In Comments)	Completed By
I-1	Load Backrest	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-2	Carriage	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-3	Forks See Note Below	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-4	Fork Latches	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-5	Sideshift (Slide, Cylinder Mounting Hardware etc.)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-6	Mast Pivot Bearings & Mounting Bolts	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-7	Control Levers Linkage, Switches & Lift Potentiometers (Manual Valve Truck only)	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-8	Mast Hydraulic Hoses, Guide Rollers & Fittings	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I-9	Mast Cable & Wiring	Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Check the condition & wear of the forks by following the below checks:

- i. Measure the thickness at the shank of the fork (vertical section)
- ii. Measure the thickness of the fork at the heel of the blade (fork)
- iii. There should be no more than 10% reduction at the heel
- iv. If the fork is 10% worn they must be replaced
- v. If wear is over 10% then the truck must be taken out of service & new forks ordered
- vi. If in doubt refer to the service manual

Note : When checking the steer cylinder, if there is grease visible on the top of the cylinder the securing lock nut on top of the steer cylinder needs checking for security.

Comments, Note Task Number Adjacent To Any Issues Found

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