



“Distributor of Fassi Articulated Cranes”  
**Maintenance Schedule - SE Cranes - 90 Day**  
**F375SE**

Crane Model	<b>F375SE</b>	Serial Number		Today's Date	
End User Company		Location		Truck/Unit #	
Crane In Service Date		Warranty Period			
Service Provider		Phone		Fax:	
Address		City, State, Zip			
Inspected by (Print Name)		Inspected by (Signature)			
		D/R/OK		Notes/Action Required	Action Completed

<b>FORK &amp; ROTATOR</b>		Follow Dealer's/Manufacturer's Instructions/Recommendations		(Not Covered By Fassi Warranty)	
Rotator	Check Link/Crane Connection Pin /Tighten if Loose				
	Check Rotator/Crane Connection Pin /Tighten if Loose				
	Visually Inspect for Hydraulic Oil Leaks				
	Visually Inspect Hoses for Wear/Damage				
	Check Fork/Rotator Bolts /Tighten if Loose				
Wallboard Forks	Check For Oil Leaks				
	Inspect Hoses for Wear/Damage				
	Inspect Fork Ram for Leaks				
	Inspect Fork Wear Pads/Rollers for Wear/Damage				
	Grease Fittings (8 typical)				

<b>OUTER BOOM EXTENSION BOOMS</b>		Boom Integrity, Guide Shoes, Pins			
Extension Boom #4	Visually Inspect for Unusual Wear Marks				
	Visually Inspect Extension Boom Base Weld				
	Check that Upper/Lower Guide Shoes in Place				
Located on extension # 3	Check that Upper Guide Shoe Bolts are Tight				
	Check that Side Guide Shoes in Place				
	Lubricate Extension Boom				
Extension Boom #3	Visually Inspect for Unusual Wear Marks				
	Visually Inspect Extension Boom Base Weld				
	Check that Upper/Lower Guide Shoes in Place				
Located on extension # 2	Check that Upper Guide Shoe Bolts are Tight				
	Check that Side Guide Shoes in Place				
	Lubricate Extension Boom				
Extension Boom #2	Visually Inspect for Unusual Wear Marks				
	Visually Inspect Extension Boom Base Weld				
	Check that Upper/Lower Guide Shoes in Place				
Located on extension # 1	Check that Upper Guide Shoe Bolts are Tight				
	Check that Side Guide Shoes in Place				
	Lubricate Extension Boom				
Extension Boom #1	Visually Inspect for Unusual Wear Marks				
	Visually Inspect Extension Boom Base Weld				
	Check that Upper/Lower Guide Shoes in Place				
Located on outer boom	Check that Upper Guide Shoe Bolts are Tight				
	Check that Side Guide Shoes in Place				
	Lubricate Extension Boom				
NON AGS					

<b>HOSE PROTECTION DEVICES (TRAYS) ON OUTER BOOM EXTENSIONS</b>					
Hose Trays	Visually Inspect Hose Trays for Cracks				
	Visually Inspect Hose Tray Supports for Cracks				
	Visually Inspect Hose Trays for Proper Alignment/Clearance during Operation				
E-Chain	Visually Inspect for Missing/Broken Links				
	Manually Inspect for Flexibility/Easy Movement				
Hoses & Pipes	Visually Inspect for Hydraulic Leaks				
	Visually Inspect for Wear/Damage				
	Visually Inspect Hoses for Proper Lie				



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<b>OUTER BOOM EXTENSION RAMS</b> Cylinder, Rod, Piston, Seals, Hoses, Holding Valve					
	Load Test Extension Rams Holding Valve				
	Inspect For Hydraulic Leaks				
	Inspect Hoses & Pipes				
	Inspect Ram Rods for Damage				

<b>OUTER RAM</b> Cylinder, Rod, Piston, Seals, Hoses, Holding Valve					
	Inspect for Hydraulic Leaks				
	Visually Inspect Hoses for Wear/Damage				
	Inspect Outer Ram Rod for Damage				
	Load Test Outer Ram Holding Valve				
Outer Ram Guard	Outer Ram Guard In Place				
	Operates Smoothly				
	Fixing Bolts are Tight				

<b>OUTER BOOM</b> Boom Integrity/Pins/Bushings					
	Visually Inspect Outer Boom for Cracks				
	Visually Inspect Outer Boom Welds for Cracks				
	Check that Upper/Lower Guide Shoes in Place *CHECK THAT 380909 SHIM PLATE IS PRESENT*				
	Check that Upper Guide Shoe Bolts are Tight				

<b>INNER BOOM EXTENSION BOOMS</b> Boom Integrity, Guide Shoes, Pins					
Extension Boom #2	Visually Inspect for Unusual Wear Marks				
	Visually Inspect Extension Boom Base Weld				
Located on extension #1	Check that Upper/Lower Guide Shoes in Place				
	Check that Upper Guide Shoe Bolts are Tight				
	Check that Side Guide Shoes in Place				
NON AGS	Lubricate Extension Boom				
Extension Boom #1	Visually Inspect for Unusual Wear Marks				
	Visually Inspect Extension Boom Base Weld				
Located on inner boom	Check that Upper/Lower Guide Shoes in Place				
	Check that Upper Guide Shoe Bolts are Tight				
	Check that Side Guide Shoes in Place				
NON AGS	Lubricate Extension Boom				

<b>INNER BOOM EXTENSION RAMS</b> Cylinder, Rod, Piston, Seals, Hoses, Holding Valve					
	Load Test Extension Rams Holding Valve				
	Inspect For Hydraulic Leaks				
	Inspect Hoses & Pipes				
	Inspect Ram Rods for Damage				

<b>HOSE PROTECTION DEVICES (TRAYS) ON OUTER BOOM EXTENSIONS</b>					
Hose Trays	Visually Inspect Hose Trays for Cracks				
	Visually Inspect Hose Tray Supports for Cracks				
	Visually Inspect Hose Trays for Proper Alignment/Clearance during Operation				
E-Chain	Visually Inspect for Missing/Broken Links				
	Manually Inspect for Flexibility/Easy Movement				
Hoses & Pipes	Visually Inspect for Hydraulic Leaks				
	Visually Inspect for Wear/Damage				
	Visually Inspect Hoses for Proper Lie				

<b>INNER BOOM</b> Boom Integrity/Pins/Bushings					
	Visually Inspect Inner Boom for Cracks				
	Visually Inspect Inner Boom Welds for Cracks				
	Check Pipe Condition on Top of Boom				
	Check Pipe Holding Clamps on Top of Boom				
Inner /Outer Boom Connection	Check Pin for Wear/Damage/Movement				
	Check Bushings for Wear/Damage/Movement				
	Check Pin Nuts & Locking Bolts are Tight				
NON AGS	Lubricate Column/Inner Boom Connection Pin				



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<b>INNER RAM</b>		<b>Cylinder, Rod, Piston, Seal, Hoses</b>			
		Inspect for Inner Ram for Leaks			
		Inspect Inner Ram Rod for Damage			
		Inspect Hydraulic Hoses/Pipes for Wear/Leaks			
		Load Test Inner Ram Holding Valve			
NON AGS		Lubricate Inner Ram/Column Fitting (1)			
NON AGS		Lubricate Inner Ram/Inner Boom Fitting (1)			

<b>COLUMN</b>		<b>Column Integrity/Pins/Bushings</b>			
		Visually Inspect Column for Cracks			
		Visually Inspect Welds on Column for Cracks			
Column/Inner Boom Connection		Check Pin for Wear/Damage/Movement			
		Check Bushings for Wear/Damage/Movement			
		Check Pin Nuts & Locking Bolts are Tight			
NON AGS		Lubricate Column/Inner Boom Connection Pin			

<b>ROTATION CYLINDERS</b>		<b>Cylinders, Pistons, Seals</b>			
		Inspect Rotation Cylinders for Leaks			
		Inspect Piping and Hosing for Leaks			

<b>CRANE BASE</b>		<b>Base, Base Bushings, Rack, Compensator</b>			
Base/Outrigger Beam		Visually Inspect Welds on Base/Outrigger Beam for Cracks			
Base		Visually Inspect Cast Steel Base for Cracks			
Upper Bushing (10 mm, 0.400")		Determine Upper Bushing Wear (max: 3.0 mm/0.125") via dial indicator			
		Lubricate (2 fittings)			
Lower Bushing (2.5 mm, 0.100")		Determine Lower Bushing Wear (max: 1.5 mm/0.060") via dial indicator			
NON AGS		Lubricate (2 fittings)			
Rack NON AGS		Lubricate (2 fittings)			
Compensator NON AGS		Lubricate (1 fitting)			
Hosing through Base		Check Hydraulic Hoses for Wear/Leaks			
		Check Hydraulic Hose Swivels for Movement			

<b>HYDRAULIC OIL TANK</b>		<b>Inspect for Hydraulic Oil Leaks</b>			
		Inspect for Hydraulic Oil Leaks			
		Check Tank Straps/Tighten if Loose			
Oil Return Filters (2)		Clean/Replace (50 micron)			Note: Clean Once/ then Replace
Fluid Level		Check Hydraulic Fluid Level (Cold) with Crane in Stowed Position / Fill as Required			
		Change oil annually unless semi annual testing is done with results supplied			

<b>HYDRAULIC OIL COOLER</b>					
		Oil Cooler Starts Operating at Correct Temperature (95°F, 104°F, or 135°F - Sensor Dependent)			
		Check Hose Connections for Leaks			
		Check Mounting Bolts/Tighten if Loose			

<b>CRANE/OUTRIGGER DEVIATOR</b>					
		Inspect for Hydraulic Oil Leaks			
		Inspect for Easy Movement with Oil at Operating Temperature			
		Check Linkage and Pipes			

<b>OUTRIGGERS (STABILIZERS)</b>		<b>Outrigger Extension Beams and Rams</b>			
Outrigger Safety Locks		Check Functional Operation			
Extension Rams & Beams		Guide Shoes in Place			
		Inspect Extension Beam Hoses for Leaks/Wear			
		Grease Extension Beams			
Stabilizer Rams		Visually Inspect for Bent Rod/Other Rod Damage			
		Visually Inspect Ram for Leaks			



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Stabilizer Pads	Visually Inspect Hosing for Leaks/Wear			
	Inspect Pads for Cracks			
	Locking System Functional			
	Travel Lock Down Functional			

**OIL FILTERS – PRESSURE**

Oil Filters (Pressure) - 1	Check for Leaks			
	Indicator in Place			
	Indicator Color (Green/Red)			
	Replace Filter IF NEEDED			
Oil Filters (Pressure) - 2	Check for Leaks			
	Indicator in Place			
	Indicator Color (Green/Red)			
	Replace Filter IF NEEDED			

**SUBFRAME/RISER**

Structure & Fixing Rods	Check Fixing Rod Bolt Tightness/Tighten if Loose			
	Check Shear Plates Bolt Tightness/Tighten if Loose			

<b>MOUNTING BOLTS: Fassi Specification</b>		<b>Actual</b>	<b>Adjusted</b>
	<b>Nm (ft lbs)</b>		
Check Tightness	1800 (1330)		

**PUMP / PTO** Follow Dealer's/Manufacturer's Instructions/Recommendations (Not Covered By Fassi Warranty)

	Check for Leaks			
	Check Splines and Lubricate			

**OUTRIGGER DISTRIBUTORS**

**Drivers Side Outrigger Distributor**

	Visually Inspect for Hydraulic Oil Leaks			
	Visually Inspect Hoses for Wear			
Extension Operating Lever	Check for Smooth Operation			
	Lever Returns to Center			
Stabilizer Ram Operating Lever	Check for Smooth Operation			
	Lever Returns to Center			

**Passenger Side Outrigger Distributor**

	Visually Inspect for Hydraulic Oil Leaks			
	Visually Inspect Hoses for Wear			
Extension Operating Lever	Check for Smooth Operation			
	Lever Returns to Center			
Stabilizer Ram Operating Lever	Check for Smooth Operation			
	Lever Returns to Center			

**CRANE DISTRIBUTORS**

**CRANE DISTRIBUTOR 1**

	Inspect for Hydraulic Oil Leaks			
	Fixing Screws Tight			
Rotation Lever	Smooth Operation			
	Return to Center			
Inner Boom Lever	Smooth Operation			
	Return to Center			
Extension Foot Pedal	Check Foot Pedal Linkage for Proper Stroke			
	Smooth Operation			
	Return to Center			
NON AGS	Lubricate (1 grease fitting)			

**CRANE DISTRIBUTOR 2**

	Inspect for Hydraulic Oil Leaks			
	Fixing Screws Tight			
Fork (Open/Close) Foot Pedal	Check Foot Pedal Linkage for Proper Stroke			
	Smooth Operation			
	Return to Center			
NON AGS	Lubricate (1 grease fitting)			
Outer Boom Lever	Smooth Operation			
	Return to Center			
Fork Rotator Lever	Smooth Operation			



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	Return to Center				
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**LMLD (LIFTING MOMENT LIMITING DEVICE) Valves, Pressure Switches, Electro-Valves**

	Check Overload System for Proper Operation			
	Check LMLD Pressure			
	Check for Oil Leaks			
	Security Lead Seal in Place			

**AGS SYSTEM Grease Specification (Nils Grease – Nilex NLGI#1 or Lubriplate "730" NLGI#1)**

System Types	Standard Base System (7/8 fittings)			
	Extended System w/o Foot Pedals (13 fittings)			
	Extended System w/ Foot Pedals (15 fittings)			
Check Pump Operation	When Powered:			
	Standard Horn Sounds			
	Auxiliary Horn Sounds			
	Light Illuminates on Junction Box			
Manually Cycle the Pump	Operate DK Switch on Junction Box			
	Operate DK Button on Pump Display			
Cycle Switch Operation	System Faults (Alarms) after 3 Cycles with CS Cable DISCONNECTED.			
Grease Delivery Hoses	Check Hose Type (80 bar/800 bar)			
	Check Grease Hoses for leaks			
	Check Grease Hoses connections			
	Check for plugged Grease Hoses			
Grease Reservoir	Fill with Approved Grease			

**PLATFORM & LADDER ASSEMBLY**

	Inspect Ladder Step Treads			
	Inspect Assembly Welds for Cracks			
	Check Assembly Bolts / Tighten if Loose			
	Check Cross Rod Bolts / Tighten if Loose			

**RADIO REMOTE CONTROL IF EQUIPED**

Radio/Manual Switch	Check Functional Operation			
Rotation Lever / Joystick	Check Radio/Lever Stroke & Movement			
Inner Boom Lever / Joystick	Check Radio/Lever Stroke & Movement			
Extension Lever / Joystick	Check Radio/Lever Stroke & Movement			
Fork (Open/Close) Lever / Joystick	Check Radio/Lever Stroke & Movement			
Outer Boom Lever / Joystick	Check Radio/Lever Stroke & Movement			
Fork Rotator Lever / Joystick	Check Radio/Lever Stroke & Movement			
Emergency Stop	Check Functional Operation			

**OPERATOR TOP SEAT (IF EQUIPED)**

	Inspect Top Seat for operation and for damage			
	Confirm that Seat cannot recline backwards past safety stop – if so repair or replace Seat			



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**DECALS**    Decals are In Place And Legible

DE4472A	Capacity Plate (Lifting Chart) F390SE.24				
DE 2676	Instruction Plate And Safety Norms				
DE 2327	Warning Plate To Stabilize The Vehicle Before Using The Crane				
DE 3771	Instruction Plates To Stabilize The Vehicle				
DE 3772	Instruction Plates To Stabilize The Vehicle				
DE 3690	Crane Controls Plate - Danfoss (Lever) – Top Seat				
DE 1067	Do Not Walk Or Stay Under A Suspended Load & For Unauthorized Persons To Be Within The Working Area.				
DE 2100	Danger Plate For Crushing Of Lower Limbs.				
DE 1686	Do Not Walk Or Stop Under A Suspended Load.				
DE 1683	Do Not Operate In Proximity Of Electric High-Tension Lines.				
DE 2361	Do Not Operate In Proximity Of Electric High-Tension Lines.				
DE 1679	Do Not Step On.				
DE 1680	Do Not Use Water To Extinguish Fire.				
DE 1681	Greasing Points With Brush.				
DE 1682	Greasing Points At Pressure.				
DE 1574	Do Not Weld The Fixing Rods.				
R5763	DANGER: Loading Truck Payload Above This Decal Can Be Dangerous (2)				

