



DESCRIPTION:	Mechanical – Amiad Self Cleaning Filters (Brush Type) – Inspection and Service	FREQUENCY:	
LOCATION:		STANDARD JOB No.:	

	SCOPE			
C	Complete inspection and service of Self Cleaning Brush Filters.			
R	QUIREMENTS			
C	Complete inspection and service as per relevant task list below.			
	PROCEDURAL STEP			
	Vhere possible, observe equipment in running condition before isolating. Check for unusual noise, vibration, le Check for correct operation			
R	REFERENCE MATERIAL			
Α	MIAD Automatic Filters – Motorised Brush-Away Filter – Installation, Operation and Maintenance Instructions			
N	MATERIALS			
G	Gearbox – ISO320 viscosity synthetic oil			
С	Priveshaft – Heavy duty non-oxidizing grease			
S	Seals and O-rings – Silicon Grease			
N	MINOR SERVICE			
C	Check status of filter and if any alarm/fault messages are active on the controller.			
C	Check for leakage from the driveshaft seal and from the pump and/or piping.			
C	Check proximity sensor striker plate is adjacent to proximity sensors			
T	est the operation of the filters			
C	Check Differential Pressure across the filter			
lr	nspect and clean exhaust valves filter			
C	Check condition of driveshaft and drive bushing			
	Remove old grease and apply new grease on driveshaft and drive bushing – manufacturer recommended or equivalent*			
C	Check wear on brushes			
*	**If brush requires replacement, submit request for corrective maintenance activity***			
	Check condition of brush rod for damage			
C	Check brush rod end connection and R-clips for wear and secureness			
C	Check filter coating for damage or deterioration			
C	Check filter element condition			
F	Reassemble filter and return to service, checking for correct operation			
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Note:





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LOCATION:		STANDARD JOB No.:	

	No.:
INTERMEDIATE	SERVICE
Check status of t	filter and if any alarm/fault messages are active on the controller.
Check for leakage	ge from the driveshaft seal and from the pump and/or piping.
Check proximity	sensor driver plate is adjacent to proximity sensors
Test the operation	on of the filters
Check Differentia	al Pressure across the filter
Inspect and clea	n exhaust valves filter
	of driveshaft and drive bushing
Remove old great equivalent*	ase and apply new grease on driveshaft and drive bushing – manufacturer recommended or
Check filter coati	ing for damage or deterioration
Check filter elem	nent condition
Check wear on b	prushes
If brush requir	res replacement, submit request for corrective maintenance activity
	of brush rod for damage
Check brush rod	end connection and R-clips for wear and secureness
Inspect all intern	al parts and seals for wear and deterioration
Remove Pressur	re Differential sense ports/tubes for cleaning and inspection
Re-assemble filte	er and return to service, checking for correct operation
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Note: