					-	-	
Date							
Hour Meter Reading							I
Technician Initials							
Inspect the recovery tank filters for tears, holes, etc. Repair or replace as needed.							
Inspect the vacuum relief valve. Clean and lubricate as necessary.							
Clean the recovery tank thoroughly with pressure washer.							
Check the oil level in the blower. Add oil if needed.							
Check the pump drive belt for wear and proper tension. Tighten as needed.							
Flush the water and chemical systems with solution of equal parts white vinegar and water.							
Check all the nuts and bolts. Tighten as needed.							
One time change of the high pressure pump oil after 50 hours of operation. (Every 500 hours thereafter.)				٥	٥		٥
One time change of the engine oil after 8 hours of operation.							
Change the engine oil every 50 hours. (Every 25 hours if operating in high ambient temperatures or heavy use conditions.) Change oil filter every oil change.				٥	٥		
ATTENTI	ON Spec	ial Mair	ntenanc	е			
One time change of the engine oil after 8 hours of operation.							
One time change of the high pressure pump oil after 50 hours of operation. (Every 500 hours thereafter.)							
Change the blower oil after first 100 hours of use.							
Мо	onthly Ma	intenan	ce				
Check the engine air filter. Clean or replace as necessary.							
Check the water level in battery. Fill as needed.							
Clean the battery terminals as needed.							
Change the blower oil after first 100 hours of use.							

Quarterly Maintenance

Replace coupler element (rubber insert) for cracks or wear.	
Clean the heat exchanger core.	
Check carburetor. Clean or replace as necessary.	
Check plug wires. Replace as necessary	
Change air filters.	
1000 Hours Maintenance	
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.	
Change sacrificial anodes.	
Change the fuel filter.	0
Check the engine valve clearance (intake and exhaust 0.004" - 0.006")	
Change the high pressure pump oil.	
Change the blower oil.	D
500 Hours Maintenance	
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.	٥
250 Hours Maintenance	
Replace spark plugs	
100 Hours Maintenance	
Change pump drive belt.	D
Change pump drive belt.	
Change the fuel filter.	D
Clean and gap the spark plugs to 0.030". Replace if excessive carbon buildup is visible.	D
Check the fuel lines. Repair or replace as needed.	

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N Spec	ial Main	tenanc	e				
thly Ma	intenan	се					
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Quarterly Maintenance

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Check the fuel lines. Repair or replace as needed.		
Clean and gap the spark plugs to 0.030". Replace if excessive carbon buildup is visible.		
Change the fuel filter.		
Change pump drive belt.		
Change pump drive belt.		
100	0 Hours Maintenance	
Replace spark plugs	D D	
250	0 Hours Maintenance	
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.		
500	0 Hours Maintenance	
Change the blower oil.		
Change the high pressure pump oil.		
Check the engine valve clearance (intake and exhaust 0.004" - 0.006")		
Change the fuel filter.		
Change sacrificial anodes.		
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.		
1000	00 Hours Maintenance	
Change air filters.		
Check plug wires. Replace as necessary		
Check carburetor. Clean or replace as necessary.		
Clean the heat exchanger core.		
Replace coupler element (rubber insert) for cracks or wear.		
TITAN 425 Owner's Guide 46		

Date								
Hour Meter Reading								
Technician Initials								
Inspect the recovery tank filters for tears, holes, etc. Repair or replace as needed.								
Inspect the vacuum relief valve. Clean and lubricate as necessary.								
Clean the recovery tank thoroughly with pressure washer.								
Check the oil level in the blower. Add oil if needed.								
Check the pump drive belt for wear and proper tension. Tighten as needed.								
Flush the water and chemical systems with solution of equal parts white vinegar and water.								
Check all the nuts and bolts. Tighten as needed.								
One time change of the high pressure pump oil after 50 hours of operation. (Every 500 hours thereafter.)								
One time change of the engine oil after 8 hours of operation.								
Change the engine oil every 50 hours. (Every 25 hours if operating in high ambient temperatures or heavy use conditions.) Change oil filter every oil change.	۵		٥	٥	٥		٥	٥
ATTENTIO	ON Spec	cial Mair	ntenanc	e				
One time change of the engine oil after 8 hours of operation.								
One time change of the high pressure pump oil after 50 hours of operation. (Every 500 hours thereafter.)								
Change the blower oil after first 100 hours of use.								
Mo	nthly Ma	intenan	ce					
Check the engine air filter. Clean or replace as necessary.								
Check the water level in battery. Fill as needed.								
Clean the battery terminals as needed.								
Change the blower oil after first 100 hours of use.	_	_	_		_	_	_	

Quarterly Maintenance

Check the fuel lines. Repair or replace as needed.		
Clean and gap the spark plugs to 0.030". Replace if excessive carbon buildup is visible.		
Change the fuel filter.		
Change pump drive belt.		
Change pump drive belt.		
100 Hours I	Maintenance	
Replace spark plugs		
250 Hours I	Maintenance	
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.		
500 Hours I	Maintenance	
Change the blower oil.		
Change the high pressure pump oil.		
Check the engine valve clearance (intake and exhaust 0.004" - 0.006")		
Change the fuel filter.		
Change sacrificial anodes.		
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.		٥
1000 Hours	Maintenance	
Change air filters.		
Check plug wires. Replace as necessary		
Check carburetor. Clean or replace as necessary.		
Clean the heat exchanger core.		
Replace coupler element (rubber insert) for cracks or wear.		

Date							
Hour Meter Reading							
Technician Initials							
Inspect the recovery tank filters for tears, holes, etc. Repair or replace as needed.							
Inspect the vacuum relief valve. Clean and lubricate as necessary.							
Clean the recovery tank thoroughly with pressure washer.							
Check the oil level in the blower. Add oil if needed.							
Check the pump drive belt for wear and proper tension. Tighten as needed.							
Flush the water and chemical systems with solution of equal parts white vinegar and water.							
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One time change of the high pressure pump oil after 50 hours of operation. (Every 500 hours thereafter.)							
One time change of the engine oil after 8 hours of operation.							
Change the engine oil every 50 hours. (Every 25 hours if operating in high ambient temperatures or heavy use conditions.) Change oil filter every oil change.				٥	٥	٥	٥
ATTENTIO	ON Spec	cial Mair	ntenanc	е			
One time change of the engine oil after 8 hours of operation.							
One time change of the high pressure pump oil after 50 hours of operation. (Every 500 hours thereafter.)							
Change the blower oil after first 100 hours of use.							
Mo	nthly Ma	intenar	ice				
Check the engine air filter. Clean or replace as necessary.							
Check the water level in battery. Fill as needed.						 	
Clean the battery terminals as needed.							
Change the blower oil after first 100 hours of use.							

Quarterly Maintenance

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Check the fuel lines. Repair or replace as needed.		
Clean and gap the spark plugs to 0.030". Replace if excessive carbon buildup is visible.		•
Change the fuel filter.		
Change pump drive belt.		
Change pump drive belt.		٥
 100 Hc	ours Maintenance	
Replace spark plugs	0 0	
250 Ho	ours Maintenance	
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.		0
500 Hc	ours Maintenance	
Change the blower oil.		٥
Change the high pressure pump oil.		
Check the engine valve clearance (intake and exhaust 0.004" - 0.006")		
Change the fuel filter.		
Change sacrificial anodes.		
Check coupler element (rubber insert) for cracks or wear. Replace as necessary.		
1000 H	ours Maintenance	
Change air filters.		
Check plug wires. Replace as necessary		٥
Check carburetor. Clean or replace as necessary.		•
Clean the heat exchanger core.		
Replace coupler element (rubber insert) for cracks or wear.		
TITAN 125 Owner's Guide - 50		

											ANI 405													
Check the engine oil level. Add oil if needed.							DA	ILY MAI			AN 425													
Check the high pressure pump oil. Add oil if needed.																								
Check the oil level in the blower. Add oil if needed.																								
Inspect and clean the recovery tank filters and sacrifici	ai anoue	35.																						
Inspect and clean the garden hose screen.	lastriagl	aannaati	iono oto		oir oo n	aadad																		
Inspect the truckmount for water and oil leaks, loose e							اسم محمل																	
Lubricate blower with a HydraMaster-recommended sp	oray lubr	icant (P/	'N 000-0	87-006)	through	blower IL																		
						Oharra		TERVAL				- 6 4					I. 6:14							
Engine oil and filter						Chang	je engin	e oil and									a filter e	very 50	nours.					
Blower oil							N I			hange t								6 4 \\						
High pressure pump oil	05	50	75	100	405			high pre										,		500	505	550		000
SERVICE	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Engine oil and filter. Oil filter P/N 00-049-014, 5W30 Synthetic		R		R		R		R		R		R		R		R		R		R		R		R
Check for loose bolts and nuts***		CH		СН		СН		CH		СН		СН		CH		СН		СН		CH		CH		СН
Clean the recovery tank thoroughly with pressure washer.		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I
Inspect the recovery tank filters for tears, holes, etc.		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН
Repair or replace as needed.																_								
Vacuum relief valve		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L
Pump drive belt, P/N 000-010-125		СН		СН		CH		СН		СН		R		СН		СН		СН		CH		CH		R
Check hoses and wiring for wear and chafing.		CH		СН		СН		CH		CH		CH		CH		CH		CH		CH		CH		CH
Flush the water and chemical systems		F		F		F		F		F		F		F		F		F		F		F		F
SERVICE	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Air filters, clean, or replace as needed, P/N 000-049-053, 000-049-012				CH/R				CH/R				CH/R				CH/R				CH/R				CH/R
Check water level in battery				СН				СН				СН				CH				СН				CH
Clean battery terminals				C/I				C/I				C/I				C/I				C/I				C/I
Spark plugs, gap 0.030"				R				R				R				R				R				R
SERVICE	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Coupler element (rubber insert)										CH										СН				
Valve clearance, intake and exhaust 0.004 to 0.006"										CH/A										CH/A				
Fuel lines										СН										СН	L			
SERVICE	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Blower oil change, P/N 000-087-034 Pneulube	20	00	10	R*	120	100		200	220	200	210	000	020	000	010	400	720			R	020			000
Pump oil change, GP Series 100 oil		R**																		R				
Fuel filter		1.																		R				
Recovery Tank Sacrificial Anodes																				R				
SERVICE	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
Spark plug wires	20	00		100	120	100	110	200	220	200	210	000	020	000	010	100	120	100	110	000	020	000		000
Carburetor. Clean or replace as necessary.																								
Heat exchanger core																								
noat ovolialiyer oore			I		I		I											I				I	I	

*** Check engine and blower mounting bolts, coupler retaining bolts, exhaust fasteners, etc.

Adjust	Α
Check	СН
Clean and Inspect	C/I
Clean and Lubricate	C/L
Flush	F
Replace	R

TITAN 425

DAILY MAINTENANCE TITAN 425

								DAILY	MAINTE	NANCE	TITAN 4	25													
Check the engine oil level. Add oil if needed.																									
Check the high pressure pump oil. Add oil if needed.																									
Check the oil level in the blower. Add oil if needed.																									
Inspect and clean the recovery tank filters and sacrifici	ial anode	es.																							
Inspect and clean the garden hose screen.																									
Inspect the truckmount for water and oil leaks, loose e	lectrical																								
Lubricate blower with a HydraMaster-recommended sp	oray lubr	ubricant (P/N 000-087-006) through blower lube port																							
									VAL IN I																
Engine oil and filter		Change engine oil and filter after first 5 hours; afterwards, change the engine oil and filter every 50 hours.																							
Blower oil		Change the blower oil after first 100 hours of use.*																							
High pressure pump oil		Change high pressure pump oil after first 50 hours of operation. (Every 500 hours thereafter.)**																							
SERVICE	600														1200										
Engine oil and filter. Oil filter P/N 00-049-014, 5W30	R		R		R		R		R		R		R		R		R		R		R		R		R
Synthetic			Г		К		ĸ		ĸ		R		ĸ		ĸ		Г				Г				
Check for loose bolts and nuts***	СН		CH		CH		CH		CH		СН		CH		СН		CH		CH		СН		СН		CH
Clean the recovery tank thoroughly with pressure	C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I		C/I
washer.	0/1		0/I		0/1		0/1		0/1		0/I		0/1		0/1		0/1		0/1		0/1		0/I		0/I
Inspect the recovery tank filters for tears, holes, etc.	СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН		СН
Repair or replace as needed.	OII		_						OIT						GI									1	
Vacuum relief valve	C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L		C/L
Pump drive belt, P/N 000-010-125	R		СН		СН		CH		CH		СН		R		СН		CH		CH		СН		СН	1	R
Check hoses and wiring for wear and chafing.	CH		CH		CH		CH		CH		СН		CH		CH		СН		CH		CH		СН		CH
Flush the water and chemical systems	F		F		F		F		F		F		F		F		F		F		F		F	1	F
SERVICE	600	625	650	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Air filters, clean, or replace as needed, P/N 000-049-053, 000-049-012	CH/R				CH/R				CH/R				CH/R				R				CH/R				CH/R
Check water level in battery	СН				СН				CH				СН				CH				СН				CH
Clean battery terminals	C/I				C/I				C/I				C/I				C/I				C/I				C/I
Spark plugs, gap 0.030"	R				R				R				R				R				R				R
SERVICE	600	625	650	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Coupler element (rubber insert)							CH										R							1	1
Valve clearance, intake and exhaust 0.004 to 0.006"							CH/A										CH/A								
Fuel lines							СН										СН								
SERVICE	600	625	650	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Blower oil change, P/N 000-087-034 Pneulube																	R								
Pump oil change, GP Series 100 oil																	R								
Fuel filter																	R								
Recovery Tank Sacrificial Anodes																	R								
SERVICE	600	625	650	675	700	725	750	775	800	825	850	875	900	925	950	975	1000	1025	1050	1075	1100	1125	1150	1175	1200
Spark plug wires																	СН								
Carburetor. Clean or replace as necessary.																	C/I								
Heat exchanger core																	C/I								

*** Check engine and blower mounting bolts, coupler retaining bolts, exhaust fasteners, etc.

Adjust	Α
Check	СН
Clean and Inspect	C/I
Clean and Lubricate	C/L
Flush	F
Replace	R