DAILY MAINTENANCE CTS 4.8 Flex
Check engine oil level
Check Flex strainers (filter screens and plastic housings) for debris
Empty Recovery Tank inlet filter
Visually inspect machine for loose wires, oil leaks, water leaks, etc
Inspect Recovery Tank stainless steel filter for clogging or damage; clean, repair or replace as needed
Inspect and clean the vacuum slot on the cleaning wand. Watch for sharp edges that may tear the carpet; remove any sharp edges as required
Lubricate blower with a HydraMaster-recommended spray lubricant (P/N 000-087-006) through blower lube port

INTERVAL IN HOURS CTS 4.8 Flex	
Vehicle engine oil and filter	Change every 2,000 miles.
Pump oil *	Change after first 50 hours of use
Blower oil **	Change after first 100 hours of use
Low pressure pump tuning	Perform Flex pump tuning procedure every 60 days

SERVICE	8	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	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
Float switch, filters		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	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	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	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Check around vehicle and CDS for evidence of oil/fluid leaks			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
All belts and pulleys (check for wear)			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
High pressure lines - internal (check for chafing)			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Recovery tank (clean thoroughly with high 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	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	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	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Blower inlet filter inside Recovery Tank			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	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	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	C/I	C/I	C/I	C/I	C/I	C/I	C/I	C/I
Vehicle engine rpm on CDS			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
Hoses and quick connects; check for wear; replace as needed			CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH
* Pump oil, GP series 100			R	CH	CH	CH	CH	CH	CH	CH	CH	CH	R	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	R	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	R	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	CH	R
Vacuum Relief Valve - inspect, clean and lubricate		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	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	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	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L	C/L
SERVICE	**8**	**25**	**50**	**75**	**100**	**125**	**150**	**175**	**200**	**225**	**250**	**275**	**300**	**325**	**350**	**375**	**400**	**425**	**450**	**475**	**500**	**525**	**550**	**575**	**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**
All fasteners; tighten as needed ***			CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH		CH
Clean QC Dash Box filters and orifices with water					C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I
Clean Flex strainers (filter screens and plastic housings) with water					C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I
Engine air cleaner filter					C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I
Battery connections					C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I				C/I
Blower drive belt (P/N 000-010-052)					CH				CH				CH				CH				CH				CH				CH				CH				CH				R				CH				CH
Vehicle fuel lines (chafing or wear)											CH										CH										CH								CH								
All wiring harnesses (chafing or wear)											CH										CH										CH								CH								
Power pack pillow block bearings											L										L										L								L								
Pump drive belt (P/N 000-010-065)													R												R																								R
** Blower oil (P/N 000-087-034 Pneulube)					R												R																R																R
SERVICE	**8**	**25**	**50**	**75**	**100**	**125**	**150**	**175**	**200**	**225**	**250**	**275**	**300**	**325**	**350**	**375**	**400**	**425**	**450**	**475**	**500**	**525**	**550**	**575**	**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**
Drive shaft U-joint, spline, zerks (use Mobile DelVac Extreme)																					L																				L								
Blower Heat Exchanger																					C/I																				C/I								
Blower Heat Exchanger magnesium anodes (P/N 000-108-022) and replace as necessary																					CH																				CH								
Back flush all Heat Exchangers																					F																				F								
		Perform complete vehicle maintenance yearly																																																
Van's cooling system; add new anti-freeze																																									F								
Van's transmission fluid																																									R								

* Refers to pump oil
** Refers to blower oil
*** Check blower, drive shaft, front end fasteners

Adjust	A
Check	CH
Clean and Inspect	C/I
Clean and Lubricate	C/L
Flush	F
Lubricate	L
Replace	R