User: Watkins, Ryan L. **Created Date:** Mar 10, 2025

Serial Number: WTC00537

Product Family: WHEEL TRACTOR SCRAPER

Model: 627K SMU / Hours: Year: 2022

SERVICE HISTORY (111 Records)

Invoice Date	Invoice Type	SMU / Hours	Description	Notes
Dec 17, 2024	Parts			
Nov 24, 2024	Service	2,770	Replace Brake Accumulator	**************************************
Nov 24, 2024	Service	2,770	Repair For Warranty Fault Code	And replaced inside accumulator and charged to 725 psi technician name: tim date: 10-8-24 employee number: 6402 correction: charged outside accumulator to 725 psi complaint: low brake pressure code on inside was bad. ***********************************
Nov 24, 2024	Service	2,770	Clean Machine	To prevent contaminationclean before warranty service work is performed clean machine includes:
Nov 24, 2024	Service	2,770	Troubleshoot Transmission & Drive Line	The diff oil. when we pulled the machine apart we ***********************************
Nov 24, 2024	Service	2,770	Inspect Machine	
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Nov 24, 2024	Service	2,770	Perform Ta1 Inspection	n
Nov 24, 2024	Service	2,770	Perform Product Support Pgm (psp)	Complaint: replace flow control valve per s/l ***********************************
Nov 24, 2024	Service	2,770	Perform Product Update On Braking System	Cause: duo cone seal failed causing trans oil to employee number: 6402 machine afterwards. transfer into the diff oil. complaint: loosing trans oil, see s/l ps55293 ************************************
Nov 24, 2024	Service	2,770	Perform Product Support Pgm (psp)	**************************************
Nov 24, 2024	Service	2,770	Perform Product Support Pgm (psp)	Technician name: tim s/l ps48078 welded new bracket and channel and re installed. complaint: replace exhaust clipping hardware per ***********************************
Nov 24, 2024	Service	2,770	Repair For Warranty Solenoid Valve	**************************************
Nov 24, 2024	Service	2,770	Transport Machine	Pick up machine and deliver to wagner aurora

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Mar 18, 2024	Service	2,043	Troubleshoot Diesel Exh (def) Module	Technician name:bob employee number:4014 date: ***********************************
Mar 18, 2024	Service	2,043	Travel To/from Work Area	Aurora aurora e470 & gartrelll aurora, co co 303-912-1890 travel to and from twice
Mar 18, 2024	Service	2,043	Troubleshoot Diesel Exh (def) Module	Technician name:bob employee number:4014 date: ********************************** complaint:check eng light cause:bad def manifold resultant damage:will not re gen complications: correction:talked with customer and drove to location hooked up e.t. and found active events e1389 and active code 5856-9 for rear eng. checked code and found def manifold/ sensor was not communiticating with ecm. removed cover over tank and it was covered in mud and def [sent picture] dug out to access wiring and test. wires tested good and data link tested good. ordered new def manifold. returned to unit when part came in removed rear cover and radiator cover to access removing manifold. spent over an hour cleaning spilt def/mud out of lines so i could get them to unlock for removal. removed coolant lines and disconnected wire harness. removed manifold and drained and cleaned tank. installed new manifold and filled with def. performed def verification test and it passed no leaks noted. starte
Sep 14, 2023	Service	2,043	Perform 500 Service Hour Maint	
Sep 14, 2023	Service	2,043	Additional Charges 500 Service Hour Maint	

May 11, 2023	Service	1,645	Repair For Warranty Software	Tech id: 5791 tuesday, may 9, 2023 software update repair comments preform pip letter pi33483 flash transmission, implement and display ecm with new software. calibrate transmission and pull psr before and after.
May 11, 2023	Service	1,645	Travel To/from Work Area	
May 11, 2023	Service	1,645	Repair For Warranty Software	Tech id: 5791 tuesday, may 9, 2023 software update repair comments preform pip letter pi33483 flash transmission, implement and display ecm with new software. calibrate transmission and pull psr before and after.
May 11, 2023	Service	1,645	Travel To/from Work Area	
Nov 15, 2022	Service	800	Supply Parts Exhaust Manifold	Front exhaust came loose melted the air cleaner
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Oct 27, 2022	Service	860	Additional Charges Pm 1	
Oct 27, 2022	Service	860	Perform Pm 1	
Aug 18, 2022	Service	568	Perform Pm 2	
Aug 18, 2022	Service	568	Additional Charges Pm 2	
Aug 17, 2022	Service	633	Troubleshoot Air Conditioner	T/s a/c blower motor dont work on speeds 3 & 4
Aug 17, 2022	Service	633	Travel To/from Work Area	
Aug 17, 2022	Service	633	Travel To/from Work Area	
Aug 17, 2022	Service	633	Troubleshoot Air Conditioner	T/s a/c blower motor dont work on speeds 3 & 4

Jul 05, 2022	Service	8	Perform Product Support Pgm (psp)	Perform ps47281 installing draft frame
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Jun 22, 2022	Service	10	Perform Maintenance On House Blower Motor	
Jun 22, 2022	Service	10	Travel To/from Work Area	
Jun 22, 2022	Service	10	Troubleshoot Engine	T/s ard injector low voltage issue
Jun 22, 2022	Service	10	Travel To/from Work Area	
Jun 22, 2022	Service	10	Perform Maintenance On House Blower Motor	
Jun 22, 2022	Service	10	Troubleshoot Engine	T/s ard injector low voltage issue
Apr 19, 2022	Service	8	Perform Product Support Pgm (psp)	Perform ps47281 installing draft frame
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Apr 11, 2022	Service	8	Test/check & Adjust Product Link System	CUSTOMER COMPLAINT: TEST / CHECK & ADJUST PRODUCT LINK SYSTEM REPAIR PROCESS COMMENTS: 5647 EMAILED TO VERIFY PRODCUCT LINK SYSTEM
Apr 11, 2022	Service	8	Perform Product Update On Software	CUSTOMER COMPLAINT: 5647 FOUND NO FLASHES NEEDED AT THIS TIME, ALL CODES CLEARED FROM MACHINE, STATUS REPORT HAS BEEN TAKEN AND UPLOADED TO F DRIVE AND FLASH DRIVE Update software/clear codes, pull status report UPDATE SOFTWARE/CLEAR CODES, PULL STATUS REPORT AND UPLOAD TO F:
Apr 11, 2022	Service	8	Check Ether Starting Aid	CUSTOMER COMPLAINT: CHECK ETHER STARTING SYSTEM REPAIR PROCESS COMMENTS: 5647 MACHINE HAS TWO ENGINES

Apr 11, 2022	Service	8	Touch-up Machine	Touch up paint if necessary and clean TOUCH UP PAINT IF NECESSARY AND CLEAN
Apr 11, 2022	Service	8	Pre-deliver Machine	***REPAIR SPECIFICATION INCLUDES*** -PRE-DELIVER TRACTOR -CLEAN MACHINE -ASSEMBLE MACHINE AS NECESSARY -INSTALL RADIO -SET GAUGE CUSTOMER COMPLAINT: PRE-DELIVER MACHINE REPAIR PROCESS COMMENTS: 5647 ON BOTH ENGINES , BOTH TRANSSMISSIONS GOOD ON OIL ,GOOD ON HYDRO FLUID ALL LIGHTS WORK , HORN WORKS BACK UP ALARM WORKS WIPERS WORK AND WIND SHILD FLUID WAS FILLED AND WORKS , FLASHERS WORK AS WELL . GREASED MACHINE, ALL STICKTEST ON MACHINE INSIDE AND OUTSIDE OF MACHINE
Apr 11, 2022	Service	8	Install Inst/warning Plate/film	CUSTOMER COMPLAINT: INSTALL INST / WARNING PLATE / FILM REPAIR PROCESS COMMENTS: 5647 MACHINE HAS WARNING PLATE SMV ON REAR OF MACHINE

FLUID ANALYSIS (20 Records)

Mar 04, 2025	No Action Required	2,808	Engine Front	NO IDENTIFICATOIN OF FRONT OR REAR. WEAR PATTERN IS ACCEPTABLE AT THIS TIME. RESAMPLE AT THE NORMAL INTERVAL.
Mar 04, 2025	No Action Required	4,252	Transmission Power Shift Front	NO IDENTIFICATOIN OF FRONT OR REAR. OIL IS THICKER THAN THE GRADE REPORTED IN USE. VERIFY OIL GRADE IN USE. ALL OTHER DATA IS NORMAL. RESAMPLE AT NORMAL INTERVAL.
Sep 04, 2023	Monitor	2,043	Radiator Rear	FIRST SAMPLE/NO TREND ESTABLISHED. GLYCOL IS BELOW THE 45% MINIMUM RECOMMENDED FOR BEST ENGINE LIFE. WE ADVISE INCREASING THE GLYCOL LEVEL TO 50%. NITRITES (NO2) ARE LOW. ADD (1) ELC EXTENDER, PART #119-5152. RESAMPLE AT THE NORMAL INTERVAL.
Sep 04, 2023	No Action Required	2,043	Differential Rear	FIRST SAMPLE/NO TREND ESTABLISHED. DATA APPEARS TO SHOW NORMAL BREAK-IN WEAR. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	No Action Required	2,043	Final Drive Rear Right	FIRST SAMPLE/NO TREND ESTABLISHED. DATA APPEARS TO SHOW NORMAL BREAK-IN WEAR. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	No Action Required	2,043	Transmission Power Shift Front	HIGH COPPER ALONE (WITH NO LEAD / TIN) IS MOST LIKELY FROM COOLER CORE LEACHING (NO FAILURE). WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	Monitor	2,043	Radiator Front	FIRST SAMPLE/NO TREND ESTABLISHED. NITRITES (NO2) ARE LOW. ADD (1) ELC EXTENDER, PART #119-5152. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.

Sep 04, 2023	No Action Required	2,043	Final Drive Rear Left	TO SHOW NORMAL BREAK-IN WEAR. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	Monitor	2,043	Radiator Front	FIRST SAMPLE/NO TREND ESTABLISHED. NITRITES (NO2) ARE LOW. ADD (1) ELC EXTENDER, PART #119-5152. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	Monitor	2,043	Radiator Front	FIRST SAMPLE/NO TREND ESTABLISHED. NITRITES (NO2) ARE LOW. ADD (1) ELC EXTENDER, PART #119-5152. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	Monitor	2,043	Radiator Rear	FIRST SAMPLE/NO TREND ESTABLISHED. GLYCOL IS BELOW THE 45% MINIMUM RECOMMENDED FOR BEST ENGINE LIFE. WE ADVISE INCREASING THE GLYCOL LEVEL TO 50%. NITRITES (NO2) ARE LOW. ADD (1) ELC EXTENDER, PART #119-5152. RESAMPLE AT THE NORMAL INTERVAL.
Sep 04, 2023	Monitor	2,043	Radiator Rear	FIRST SAMPLE/NO TREND ESTABLISHED. GLYCOL IS BELOW THE 45% MINIMUM RECOMMENDED FOR BEST ENGINE LIFE. WE ADVISE INCREASING THE GLYCOL LEVEL TO 50%. NITRITES (NO2) ARE LOW. ADD (1) ELC EXTENDER, PART #119-5152. RESAMPLE AT THE NORMAL INTERVAL.
Sep 04, 2023	Monitor	2,043	Engine Rear	FIRST SAMPLE/NO TREND ESTABLISHED. SOOT AND IRON ARE HIGH. CHECK AIR FILTERS FOR PLUGGING. HIGH COPPER IS OFTEN A SIGN THAT THE OIL CHANGE WAS OVEREXTENDED. LABEL SAID THE OIL WAS CHANGED AT THIS TIME. RESAMPLE IN 250 HRS TO ESTABLISH A TREND.
Sep 04, 2023	No Action Required	2,043	Final Drive Front Right	FIRST SAMPLE/NO TREND ESTABLISHED. WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.

FIRST SAMPLE/NO TREND ESTABLISHED. DATA APPEARS

Sep 04, 2023	No Action Required	2,043	Final Drive Front Left	FIRST SAMPLE/NO TREND ESTABLISHED. WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	Action Required	2,043	Engine Front	FIRST SAMPLE/NO TREND ESTABLISHED. METAL CONTENT IS HIGH OVERALL. CHECK FOR ABNORMAL NOISE/PERFORMANCE AND REPAIR IF NEEDED. LABEL SAID THE OIL WAS CHANGED AT THIS TIME. RESAMPLE IN 100 HRS.
Sep 04, 2023	No Action Required	2,043	Differential Front	FIRST SAMPLE/NO TREND ESTABLISHED. WEAR PATTERN APPEARS TO BE NORMAL ON A FIRST SAMPLE BASIS. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	No Action Required	2,043	Hydraulic System	WEAR PATTERN IS ACCEPTABLE AT THIS TIME. RESAMPLE AT THE NORMAL INTERVAL.
Sep 04, 2023	Monitor	2,043	Transmission Power Shift Rear	OIL WAS TOO DARKENED TO RUN PARTICLE COUNT TEST. ALL OTHER DATA IS NORMAL. MIGHT BE CAUSED BY EXTENDED OIL USAGE. CAT ADVISES CHANGING OIL EVERY 1,000 HRS. FILTER(S) CHANGED AT THIS TIME. CHG OIL IF NOT ALREADY DONE. RESAMPLE IN 500 HRS TO ESTABLISH A TREND.
Sep 04, 2023	No Action Required	2,043	Brake Cooling Oil	WEAR PATTERN IS ACCEPTABLE AT THIS TIME. RESAMPLE AT THE NORMAL INTERVAL.

PSP (7 Records)

Start Date	End Date	PSP No.	Description	Status
Feb 05, 2025	Aug 30, 2026	PS55354	Replacing the def manifold and related s	Open
Jul 02, 2024	Jul 30, 2026	PS55329	Reworking the tractor bumper casting on	Open
Aug 06, 2024	Jun 29, 2026	PS48129	Replacing 5550529 flow control valve on	Completed
May 20, 2024	May 30, 2026	PS55293	Installing new duo cone seal retainer an	Completed
Apr 21, 2024	Apr 29, 2026	PS48078	Replacing exhaust pipe clipping hardware	Completed
May 22, 2023	Apr 29, 2025	PS47739	Replacing the 421-8199 electronic main r	Completed
Oct 16, 2022	Dec 30, 2023	PS47281	Installing draft frame reinforcement pla	Expired