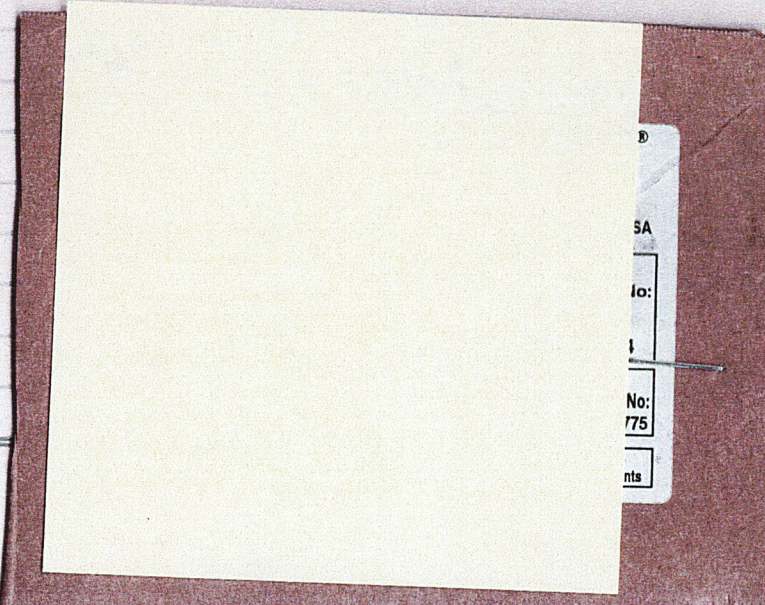


Asset No. AS-300203

PURCHASE DATE <u>5-8-2020</u>		DESCRIPTION <u>CAT EXCAVATOR</u>		REG No.	
MODEL <u>301.8</u>	BUILT <u>2019</u>	OIL ENGINE		OIL DRUM	
SERIAL NO. <u>H8X02174</u>	<u>China</u>	OIL HYDRAULICS		OIL TORQUE DRUM	
ENGINE NO. <u>J2J06399</u>		OIL TRANSMISSION		COOLANT	
VIN NO. <u>CAT03018NH8X02174</u>		OIL DIFFERENTIAL			
		OIL FINAL DRIVE			
FILTER ENGINE		TYRE FRONT		PRESSURE	
ENGINE BYPASS		TYRE REAR		PRESSURE	
FILTER HYDRAULICS					
AXLE BREATHER		BATTERY			
FILTER FAN					
FILTER TRANSMISSION					
FILTER AIR INNER	OUTER	SERVICE PERIOD		HOURS	
FILTER FUEL				Km	
FILTER FUEL SECONDARY					
WATER SEPARATOR		OTHER			
FILTER AIRCON					
FILTER CAB					
BELTS					
OTHER <u>KEY PART NO° 487-3004-06</u>					
<u>CODE NO° 1111</u>					





ENGINE

EQUIP NUM: AS203

SERIAL NUMBER: H8X02174

CAT 301_8

No Action Required

Interp By: Barry Swindells

Interpreted On: 11-Jun-25

T010-55153-0505

SAMPLE SHIP TIME (days) : 3

BAYPORT INDUSTRIES PTY LTD

LOCATION: WORKSHOP

RECEIVED DATE: 02-Jun-25

OIL CONDITION SATISFACTORY, CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

SAMPLE INFORMATION

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
Sampled Date	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
Sample Id	T010-55153-0505	T010-54331-0429	T010-53114-0103	T010-51228-1015
Lab Date	02-Jun-25	26-Nov-24	24-Apr-23	16-Aug-21
Meter [Hr]	1280	1152	576	271
Comp Meter [Hr]	1280	1152		
Meter On Fluid	128	576	576	271
Fluid Brand	ELF	ELF	CAT	FACTORYFIL
Fluid Weight	15W-40	15W-40	15W-40	15W-40
Fluid Type	DEO	PERF PRO 1000		DIESEL ENG OIL
Fluid Change	Y	Y	Y	N
Filter Change	Y	Y	Y	N
Make Up Fluid [L]		0.5		
Total Fluid Added	0	0.5	0	0

PREVIOUS SAMPLE

IRON & COPPER LEVELS APPEAR SLIGHTLY HIGH, THIS MAY BE RESIDUALS FROM BREAK-IN WEAR. CHECK FILTER MEDIUM AND SCREENS FOR WEAR MATERIAL AND CONTAMINATION. CHECK & ENSURE THIS COMPARTMENT OPERATING CORRECTLY. AS THE OIL HAS BEEN CHANGED, WE WILL MONITOR ACTIVITY OVER THE NEXT FEW SAMPLES. ALL OTHER TEST RESULTS APPEAR ACCEPTABLE. AFTER INSPECTION RESAMPLE AT THE NEXT SERVICE INTERVAL TO RE-EVALUATE CONDITION.

For additional sample history, go to: [S.O.S WEB](#)

CONDITION / CONTAMINATION

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
VISCOSITY (CENTISTOKES) ASTM D445				
V100 Viscosity at 100 C	14.47	14.17	12.23	11.6

VISCOSITY (CENTISTOKES) ASTM D445

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
V40 Viscosity at 40 C	110.5	106.2	83.55	78.0

VISCOSITY INDEX

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
VI Viscosity Index	134	136	141	141

INFRARED (UFM) ASTM E2412

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
ST Soot	6	20	16	10
OXI Oxidation	13	15	14	13
SUL Sulfate By-Product	17	21	19	17
Sulfur Products	17	21	19	17
NIT Nitration	0	1	8	7

WATER - HOTPLATE

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
W Water	N	N	N	N

FUEL DILUTION (SCREEN)

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
F Fuel	N	N	N	N

FUEL DILUTION (%) ASTM D7583

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
PfC Percent Fuel	<2	<2	<2	2.36

CLEANLINESS

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
FERROUS DEBRIS				
PQJ PQ Index	0	0	0	8

WEAR LEVELS / ADDITIVES

	30-May-25	21-Nov-24	20-Apr-23	16-Jul-21
ELEMENTAL ANALYSIS (PPM) ASTM D6185 [OIL] / ASTM D8130 [COOLANT]				
Cu Copper	10	47	24	24
Fe Iron	17	46	54	34
Cr Chromium	0	1	1	1
Al Aluminum	4	7	8	7
Pb Lead	1	2	6	7
Sn Tin	0	1	0	0
Si Silicon	3	4	4	3
Na Sodium	5	4	4	4
K Potassium	0	1	2	1
Mo Molybdenum	99	93	31	21
Ni Nickel	1	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Mn Manganese	0	1	1	2
Cd Cadmium	0	0	0	0
Ca Calcium	2464	2521	2398	2370
P Phosphorus	1229	1214	1105	1195
Zn Zinc	1400	1428	1380	1397
Mg Magnesium	22	87	307	374
Ba Barium	0	0	6	8
B Boron	68	52	18	15



HYDRAULIC SYSTEM

EQUIP NUM: AS203

SERIAL NUMBER: H8X02174

CAT 301_8

No Action Required

Interp By: Hon Yin Tham

Interpreted On: 06-Jun-25

T010-55153-0404

SAMPLE SHIP TIME (days) : 3

BAYPORT INDUSTRIES PTY LTD

LOCATION: WORKSHOP

RECEIVED DATE: 02-Jun-25

OIL CONDITION SATISFACTORY, CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

SAMPLE INFORMATION

	30-May-25	21-Nov-24	20-Apr-23
Sampled Date	30-May-25	21-Nov-24	20-Apr-23
Sample Id	T010-55153-0404	T010-54332-0407	T010-53116-0301
Lab Date	02-Jun-25	27-Nov-24	26-Apr-23
Meter [Hr]	1280	1152	576
Comp Meter [Hr]	1280	1152	
Meter On Fluid	1280	576	576
Fluid Brand	CAT	CAT	CAT
Fluid Weight	10W	10W	FACT_FILL
Fluid Type	ADVANCE 10	ADVANCE 10	
Fluid Change	N	N	N
Filter Change	N	Y	Y
Make Up Fluid []		0	
Total Fluid Added	0	0	0

PREVIOUS SAMPLE

OIL CONDITION SATISFACTORY, CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

For additional sample history, go to: [S.O.S WEB](#)

CONDITION / CONTAMINATION

	30-May-25	21-Nov-24	20-Apr-23
VISCOSITY (CENTISTOKES) ASTM D445			
V40 Viscosity at 40 C	40.05	40.25	55.94

INFRARED (UFM) ASTM E2412

	30-May-25	21-Nov-24	20-Apr-23
OXI Oxidation	6	5	5

WATER - HOTPLATE

	30-May-25	21-Nov-24	20-Apr-23
W Water	N	N	N

WEAR LEVELS / ADDITIVES

30-May-25 21-Nov-24 20-Apr-23

ELEMENTAL ANALYSIS (PPM) ASTM D6185 [OIL] / ASTM D6130 [COOLANT]		30-May-25	21-Nov-24	20-Apr-23
Cu Copper	23	20	15	
Fe Iron	11	9	6	
Cr Chromium	1	1	1	
Al Aluminum	1	1	1	
Pb Lead	4	3	1	
Sn Tin	1	0	0	
Si Silicon	2	2	1	
Na Sodium	0	1	1	
K Potassium	0	0	1	
Mo Molybdenum	1	0	0	
Ni Nickel	0	1	0	
Ag Silver	0	0	0	
Ti Titanium	0	0	0	
V Vanadium	0	0	0	
Mn Manganese	0	0	0	
Cd Cadmium	0	0	0	
Ca Calcium	167	156	135	
P Phosphorus	746	714	589	
Zn Zinc	976	938	820	
Mg Magnesium	1	1	1	
Ba Barium	1	2	2	
B Boron	1	0	0	

CLEANLINESS

30-May-25 21-Nov-24 20-Apr-23

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4408		30-May-25	21-Nov-24	21/18/12
ISO ISO Code Rating	17/15/12	17/14/11	21/18/12	
4µ 4µ	936	687	13410	
6µ 6µ	201	134	1617	
14µ 14µ	21	14	37	

FERROUS DEBRIS

	30-May-25	21-Nov-24	20-Apr-23
PQI PQ Index	0	0	0

VISUAL INSPECTION

	30-May-25	21-Nov-24	20-Apr-23
DEP DEP	C1	A1	A1
DEP2 DEP2	DEB	DEB	DEB



FINAL DRIVE REAR LEFT

EQUIP NUM: AS203

SERIAL NUMBER: H8X02174

CAT 301_B



Monitor Compartment

Interp By: Hon Yin Tham

Interpreted On: 06-Jun-25

T010-55153-0424

SAMPLE SHIP TIME (days) : 3

BAYPORT INDUSTRIES PTY LTD

LOCATION: WORKSHOP

RECEIVED DATE: 02-Jun-25

THE OIL VISCOSITY @ 40C IS SLIGHTLY LOWER THAN THE TYPICAL SPECIFICATION FOR THE REPORTED OIL. CHECK IF OIL TYPE AND GRADE PROVIDED ARE CORRECT. CHECK & ENSURE THIS COMPARTMENT OPERATING CORRECTLY. AS THE OIL HAS BEEN CHANGED. WE WILL MONITOR ACTIVITY OVER THE NEXT FEW SAMPLES. ALL OTHER TEST RESULTS APPEAR ACCEPTABLE. AFTER INSPECTION RESAMPLE AT THE NEXT SERVICE INTERVAL TO RE-EVALUATE CONDITION. MORE SAMPLES NEEDED TO DEVELOP A TREND.

SAMPLE INFORMATION

	30-May-25	21-Nov-24
Sampled Date	30-May-25	21-Nov-24
Sample Id	T010-55153-0424	T010-54331-0622
Lab Date	02-Jun-25	26-Nov-24
Meter [Hr]	1280	1152
Comp Meter [Hr]	1280	1152
Meter On Fluid	128	576
Fluid Brand	ELF	ELF
Fluid Weight	90	85W-140
Fluid Type	LS	
Fluid Change	Y	Y
Filter Change	U	NA
Make Up Fluid [l]		0
Total Fluid Added	0	0

PREVIOUS SAMPLE

IRON LEVEL APPEARS SLIGHTLY ELEVATED, COPPER LEVEL APPEARS HIGH. THIS COULD BE DUE TO RESIDUALS FROM BREAK-IN. LEVELS SHOULD SETTLE DOWN AFTER ONE OR TWO OIL CHANGES. EXCESSIVE WATER (1.0% OR MORE) DETECTED, SAMPLE IS UNSUITABLE FOR PARTICLE COUNT. LOCATE AND RECTIFY WATER ENTRY. CHECK ANY MAGNETIC PLUGS FOR ABNORMAL METALLIC WEAR PARTICLES. CHECK & ENSURE THIS COMPARTMENT OPERATING CORRECTLY. AS THE OIL HAS BEEN CHANGED. WE WILL MONITOR ACTIVITY OVER THE NEXT FEW SAMPLES. ALL OTHER TEST RESULTS APPEAR ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL TO RE-EVALUATE CONDITION. MORE SAMPLES NEEDED TO DEVELOP A TREND.

For additional sample history, go to:

S.O.S WEB

CONDITION / CONTAMINATION

	30-May-25	21-Nov-24
VISCOSITY (CENTISTOKES) ASTM D445		
V40 Viscosity at 40 C	168.0	323.9

WEAR LEVELS / ADDITIVES

	30-May-25	21-Nov-24
ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D8130 [COOLANT]		
Cu Copper	13	70
Fe Iron	238	399
Cr Chromium	3	7
Al Aluminum	2	9
Pb Lead	0	0
Sn Tin	0	1
Si Silicon	7	25
Na Sodium	0	2
K Potassium	0	2
Mo Molybdenum	0	2
Ni Nickel	1	3
Ag Silver	0	0
Ti Titanium	0	1
V Vanadium	0	0
Mn Manganese	4	6
Cd Cadmium	0	0
Ca Calcium	25	119
P Phosphorus	246	389
Zn Zinc	34	100
Mg Magnesium	3	4
Ba Barium	0	2
B Boron	1	2

INFRARED (UFM) ASTM E2412

	30-May-25	21-Nov-24
OXI Oxidation	3	5

WATER - HOTPLATE

	30-May-25	21-Nov-24
W Water	N	P

CLEANLINESS

	30-May-25	21-Nov-24
PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406		
ISO ISO Code Rating	22/19	H20
6µ 6µ	22996	
14µ 14µ	2951	

FERROUS DEBRIS

	30-May-25	21-Nov-24
PQI PQ Index	60	268

VISUAL INSPECTION

	30-May-25	21-Nov-24
DEP DEP	A1	N
DEP2 DEP2	M-D	N



**FINAL DRIVE REAR
RIGHT**

T010-55153-0425

SAMPLE SHIP TIME (days) : 3

**BAYPORT INDUSTRIES PTY
LTD**

LOCATION: WORKSHOP

RECEIVED DATE: 02-Jun-25

EQUIP NUM: AS203

CAT 301_8



Monitor Compartment

SERIAL NUMBER: H8X02174

Interp By: Hon Yin Tham

Interpreted On: 06-Jun-25

THE OIL VISCOSITY @ 40C IS SLIGHTLY LOWER THAN THE TYPICAL SPECIFICATION FOR THE REPORTED OIL. CHECK IF OIL TYPE AND GRADE PROVIDED ARE CORRECT. CHECK & ENSURE THIS COMPARTMENT OPERATING CORRECTLY. AS THE OIL HAS BEEN CHANGED, WE WILL MONITOR ACTIVITY OVER THE NEXT FEW SAMPLES. ALL OTHER TEST RESULTS APPEAR ACCEPTABLE. AFTER INSPECTION RESAMPLE AT THE NEXT SERVICE INTERVAL TO RE-EVALUATE CONDITION. MORE SAMPLES NEEDED TO DEVELOP A TREND.

SAMPLE INFORMATION

	30-May-25	21-Nov-24
Sampled Date	30-May-25	21-Nov-24
Sample Id	T010-55153-0425	T010-54332-0448
Lab Date	02-Jun-25	27-Nov-24
Meter [Hr]	1280	1152
Comp Meter [Hr]	1280	1152
Meter On Fluid	128	576
Fluid Brand	ELF	ELF
Fluid Weight	90	85W-140
Fluid Type	LS	
Fluid Change	Y	Y
Filter Change	U	NA
Make Up Fluid []	0	0
Total Fluid Added	0	0

PREVIOUS SAMPLE

COPPER LEVEL IS HIGH. ELEVATED LEVELS APPEAR ACCEPTABLE DUE TO BREAK-IN PERIOD. AS THE OIL HAS BEEN CHANGED, WE WILL MONITOR ACTIVITY OVER THE NEXT FEW SAMPLES. AFTER INSPECTION RESAMPLE AT THE NEXT SERVICE INTERVAL TO RE-EVALUATE CONDITION.

For additional sample history, go to: [S.O.S WEB](#)

CONDITION / CONTAMINATION

	30-May-25	21-Nov-24
VISCOSITY (CENTISTOKES) ASTM D445		
V40 Viscosity at 40 C	168.6	320.3

INFRARED (UFM) ASTM E2412

	30-May-25	21-Nov-24
OXI Oxidation	3	5

WEAR LEVELS / ADDITIVES

	30-May-25	21-Nov-24
ELEMENTAL ANALYSIS (PPM) ASTM D6185 (OIL) / ASTM D6130 (COOLANT)		
Cu Copper	20	105
Fe Iron	96	205
Cr Chromium	2	7
Al Aluminum	4	16
Pb Lead	1	0
Sn Tin	1	1
Si Silicon	9	43
Na Sodium	0	3
K Potassium	1	1
Mo Molybdenum	1	2
Ni Nickel	1	5
Ag Silver	0	0
Ti Titanium	0	1
V Vanadium	0	0
Mn Manganese	3	3
Cd Cadmium	0	0
Ca Calcium	27	122
P Phosphorus	236	420
Zn Zinc	38	127
Mg Magnesium	4	4
Ba Barium	0	2
B Boron	1	2

WATER - HOTPLATE

	30-May-25	21-Nov-24
W Water	N	N

CLEANLINESS

	30-May-25	21-Nov-24
PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406		
ISO ISO Code Rating	22/18	HIGH DEBRIS
6µ 6µ	29941	
14µ 14µ	1397	

FERROUS DEBRIS

	30-May-25	21-Nov-24
PQI PQ Index	42	152

VISUAL INSPECTION

	30-May-25	21-Nov-24
DEP DEP	A1	A3
DEP2 DEP2	M-D	M-D

AG-300203

DATE	FITTERS NAME	WORK DETAILS	
1-11-20	CRAIG	Top up engine oil approx 1/2 Litre	174 hrs
5-2-20	CRAIG	Remove cabin door latch and straighten internal release handle. Refit to door, loose hinges and attempt to correct misalignment, alignment now satisfactory. Lubricated hinge pins. Ordered new mirror and door trim pins.	213 hrs
2-3-20	CRAIG	Straighten LH mirror bracket, replace broken LH mirror. Refit door trim with new push pins	213 hrs
	CASEY	Fit New LH MIRROR AFTER IT WAS BROKEN AGAIN - B31887	B31781
3-4-23	CASEY	CARRY OUT FIRST 500HR SERVICE. REPLACE ENG OIL + FILTER. REPLACE BOTH FUEL/WATER FILTER + FUEL STRAINER FILTER. BLOW CLEAN ENG AIR FILTER. ADJUST TRACKS. GREASE. CHANGE HYDRO OIL. REPLACE FINAL DRIVE OILS. SOS ENG, HYDRO + COOLANT.	222 HRS 576 HRS
- 7- 24	PHIL	CAB DOOR TOP GLASS SMASHED. REMOVED BROKEN GLASS FROM FRAME + DOOR SEAL. FOUND FRAME BENT SEVERAL POSITIONS - DOOR IN LATCH OPEN POSITION + CRUCHT ON LATCH. INSTRUCTED TO PURCHASE NEW DOOR.	1049 B341893
1-7-24	CRAIG	FIT NEW DOOR, ADJUST HOLD OPEN LATCH.	1049
1-11-24	PHIL	1000HR SERVICE COMPLETED AS PER MAINTENANCE GUIDE. 4 OIL SAMPLES TAKEN. F/DRIVES REFILL WITH LS90. BELTS REPLACE BOTH - A/C COND NO ADJUSTMENT LEFT. VALVE CLEARANCES ADJUSTED. REPLACED LOWER SEAL + BREATHER. W/SCREEN WASHER. HOSE OFF PUMP OUTLET - HOSE MELTED TOO CLOSE TO EXHAUST. SHORTEN + REROUTE HOSE, REROUTE HARNESS, STILL PUMP ONLY 50 MM FROM EXHAUST.	1152 B42488
1-3-24	PHIL	ENGINE OIL OVER FULL BY APPROX 20 MM ON DIPSTICK. DRAIN OF APPROX 0.5 LITRE. MONITOR + REPLACE BEFORE NEXT SERVICE. A/C CONDITIONER REPORTED NOT COOLING EFFECTIVELY. TEST DUCT TEMP? 6° OK 30° DEGREE AMBIENT. ADJUST COMP BELT. NEW BELT FITTED 60 HRS AGO.	1218 hrs

PLANT MAINTENANCE RECORD

Last updated: 11/09/2017
Last reviewed: 11/09/2017

Asset No. AS-300204

PURCHASE DATE <u>5-8-2020</u>		DESCRIPTION <u>Axiswide Plant Trailer 3000KG</u>		REG No. <u>B39-521</u>	
MODEL	BUILT <u>8/2020</u>	OIL ENGINE		OIL DRUM	
SERIAL NO.		OIL HYDRAULICS		OIL TORQUE DRUM	
ENGINE NO.		OIL TRANSMISSION		COOLANT	
VIN NO. <u>6T9T26V86LA4BZ135</u>		OIL DIFFERENTIAL			
		OIL FINAL DRIVE			
FILTER ENGINE		TYRE FRONT		PRESSURE	
ENGINE BYPASS		TYRE REAR		PRESSURE	
FILTER HYDRAULICS					
AXLE BREATHER		BATTERY			
FILTER FAN					
FILTER TRANSMISSION					
FILTER AIR INNER	OUTER	SERVICE PERIOD		HOURS	
FILTER FUEL				Km	
FILTER FUEL SECONDARY					
WATER SEPARATOR		OTHER			
FILTER AIRCON					
FILTER CAB					
BELTS					
OTHER <u>GVM-3000KG</u>					

AS-300204

DATE	FITTERS NAME	WORK DETAILS	
0-8-20 to 1-8-20	Aussie Trainers	Diagnose Why The Brakes were Not Working Properly, removed the Brake Drums and found there was a Radius on the Lower Hub Not Allowing The Magnet to Sit Flat on the Drum, Got 4 New Drums and fit them, Got the Trailer Back from Aussie and Darren Tested which he was not happy how the Brakes were still not working properly	
0-8-20 -8-20	Worruy Auto Elec Darren Dilworth	Check the Wiring for the Braking System, could not fault. Rads Missing wheels in Adelaide and spoke to Wayne which he said they need to be run by Casey took the Trailer + Machine Home and back to work which seem to have,	BP-30421
0-9-20 -9-20	Casey Hill Aussie Trainers	Mbent up the New Tool Box which I got from Aussie Tool Box Diagnose why the Ramp Support was sitting high off the ground, found a rocker Suspension had flipped upside down, turn it back around and checked All OK,	BP-30290
0-10-20 2-4-21	Aussie Tool Box Casey	Supply + Fit Ramp Stops so that the Ramps do not hit the Excavator Fit up NEW JOCKEY WHEEL/LEG THAT DARREN GOT FROM TRANSTYLE.	B30789 B32167
6-12-22	CASEY	REPAIR WIRING TO LEFT MARKER LIGHT ON GAIRD AFTER SPRING (SUSPENSION) PINCHED WIRES. REMOVE DAMAGED RIM AND GOT WILLIAMSON TYRECO TO REPAIR	
16-12-22	WILLIAMSON TYRECO	SUPPLY + FIT 2x NEW HANKOOK VANTRA LT TYRES 185R14C, FITTED TO REAR AXLES. REFIT REPAIRED RIM	B37456
5-12-23	WILLIAMSON TYRECO	SUPPLY + FIT 1x NEW HANKOOK TYRE 185 R14	BA0878
5-3-24	WILLIAMSON TYRECO	DID A P/R TO POSITION 3	BA1393
0-2-25	CASEY	FIT UP SPARE RIMS + TYRES FROM RICHARDS BOAT TRAILER. FIT NEW WHEEL NUTS TO SUIT ALLOY RIMS + WHEEL NUT INDICATORS	B42882 B42878
1-8-25	WILLIAMSON TYRECO	DID A P/R TO POSITION 1	BA3596
1-3-26	Aussie Tool Box	Weld on EYELET FOR BRAKE CABLE	BA4412