



CONSTRUCTION EQUIPMENT

SPM540449 VOLVO L220E 2 194 - TRANSMISSION (AUTO)



Sample No: VCP404601
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM540449



SAMPLE INFORMATION

Sample Number	VCP404601	VCP365276	VCP343933	---
Sample Date	25 Apr 2023	10 Oct 2022	14 Apr 2022	---
Machine Hours	24189	25053	25025	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	ABNORMAL	NORMAL	ABNORMAL	---

WASTE MANAGEMENT - GARY
 1508 SHERMAN ST
 GARY, IN
 US 46406
 Contact: TARA RORK



OIL CONDITION

Visc @ 40°C	cSt	25.1	26.5	25.4	---
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T:
F:



CONTAMINATION

Silicon	ppm	10	10	15	---
Sodium	ppm	5	5	5	---
Potassium	ppm	2	0	<1	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	14	15	20	---
Copper	ppm	8	11	11	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	4	5	7	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	81	239	97	---
Magnesium	ppm	5	2	3	---
Zinc	ppm	81	155	85	---
Phosphorus	ppm	293	356	292	---
Barium	ppm	0	0	0	---
Boron	ppm	111	98	65	---

Depot: WASGARIN
Unique No: 10458448
Signed: Don Baldrige
Report Date: 09 May 2023



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GRAPHS

