



CONSTRUCTION EQUIPMENT

525703 VOLVO L220H 3 194 - TRANSMISSION (AUTO)



Sample No: VCP428565
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 525703



SAMPLE INFORMATION

Sample Number	VCP428565	VCP405628	VCP396090	VCP361706
Sample Date	05 Apr 2024	17 May 2023	13 Jan 2023	29 Jul 2022
Machine Hours	9203	7697	7191	6398
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	N/A	N/A	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

CALLANAN
 RT 32 677 FLATBUSH RD
 EAST KINGSTON, NY
 US 12401
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	28.4	27.6	27.8	26.7
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	4	4
Sodium	ppm	2	2	0	2
Potassium	ppm	2	1	1	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	22	23	13	19
Copper	ppm	4	2	2	3
Lead	ppm	<1	0	0	0
Tin	ppm	1	<1	0	<1
Aluminum	ppm	2	2	0	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	<1	1	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	77	76	82	73
Magnesium	ppm	1	2	<1	1
Zinc	ppm	9	0	10	3
Phosphorus	ppm	209	198	171	172
Barium	ppm	<1	0	0	0
Boron	ppm	72	77	74	78

Depot: CALEAS
Unique No: 10968274
Signed: Jonathan Hester
Report Date: 12 Apr 2024



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GRAPHS

