



CONSTRUCTION EQUIPMENT

SWA560078-10 VOLVO L180H 5412 - TRANSMISSION (AUTO)



Sample No: VCP430324
Oil Type: VOLVO AT 102
Job No: SWA560078-10



SAMPLE INFORMATION

Sample Number	VCP430324	VCP442818	VCP396098	VCP303365
Sample Date	16 May 2024	07 Feb 2024	01 Feb 2023	18 Jun 2022
Machine Hours	9182	7046	6657	4250
Oil Hours	500	0	2000	0
Oil Changed	Not Chngd	N/A	Changed	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	27.6	26.3	27.1	27.3
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	5	5
Sodium	ppm	2	3	3	5
Potassium	ppm	0	0	2	10

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. 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	20	86	38	37
Copper	ppm	3	7	6	4
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	0	0	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	2	1	1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	78	51	95	81
Magnesium	ppm	<1	1	2	0
Zinc	ppm	4	13	11	9
Phosphorus	ppm	213	180	197	182
Barium	ppm	<1	<1	0	0
Boron	ppm	103	82	74	54

Depot: CALEAS
Unique No: 11048082
Signed: Sean Felton
Report Date: 29 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

