



CONSTRUCTION EQUIPMENT

SWO-068173 APAC/MIDS VOLVO L150H 6814 - TRANSMISSION (AUTO)



Sample No: VCP428537
Oil Type: VOLVO AT 102
Job No: SWO-068173 APAC/MIDS



SAMPLE INFORMATION

Sample Number	VCP428537	VCP355474	VCP303041	VCP288641
Sample Date	10 Dec 2023	12 Jun 2022	08 Mar 2021	06 Oct 2020
Machine Hours	7105	5188	2676	3920
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.9	26.5	27.4	26.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	4	8
Sodium	ppm	0	2	2	4
Potassium	ppm	2	2	8	2

Diagnosis

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



WEAR METALS

Iron	ppm	36	46	22	65
Copper	ppm	3	6	3	6
Lead	ppm	0	<1	1	2
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	2	1	4
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	76	75	76	93
Magnesium	ppm	2	1	2	<1
Zinc	ppm	0	12	10	15
Phosphorus	ppm	175	166	159	150
Barium	ppm	0	0	2	5
Boron	ppm	95	108	75	61

Depot: COWOXF
Unique No: 10789111
Signed: Jonathan Hester
Report Date: 18 Dec 2023



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VOLVO GRAPHS

