



CONSTRUCTION EQUIPMENT

715950 MOSAIC VOLVO L260H 1258 - TRANSMISSION (AUTO)



Sample No: VCP454800
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 715950 MOSAIC



SAMPLE INFORMATION

Sample Number	VCP454800	VCP428743	VCP423504	VCP422673
Sample Date	15 May 2024	19 Jan 2024	19 Oct 2023	27 Jun 2023
Machine Hours	4912	4327	3922	3304
Oil Hours	500	4327	1500	1000
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.0	27.2	27.1	31.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	8	8	7
Sodium	ppm	3	2	5	4
Potassium	ppm	3	5	7	3

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	72	67	62
Copper	ppm	2	10	8	7
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	2	3	3
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	3	4	3
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	62	74	82	98
Magnesium	ppm	<1	1	<1	<1
Zinc	ppm	17	3	30	22
Phosphorus	ppm	182	222	194	200
Barium	ppm	1	13	4	2
Boron	ppm	96	50	57	69

Depot: VOLVO0093
Unique No: 11072681
Signed: Doug Bogart
Report Date: 12 Jun 2024



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VOLVO GRAPHS

