



CONSTRUCTION EQUIPMENT

674462 MOSAIC VOLVO L110H 12152 - TRANSMISSION (AUTO)



Sample No: VCP441887
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 674462 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP441887	VCP421237	VCP415592	VCP394456
Sample Date	16 Feb 2024	19 Oct 2023	27 Jun 2023	09 Mar 2023
Machine Hours	6265	5794	5254	4719
Oil Hours	2000	1700	1000	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	31.1	27.7	31.0	28.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	4
Sodium	ppm	4	3	1	2
Potassium	ppm	<1	3	0	3



WEAR METALS

Iron	ppm	22	19	20	17
Copper	ppm	7	3	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	7	7	7	4
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	1	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	76	131	85	79
Magnesium	ppm	0	1	2	4
Zinc	ppm	7	31	<1	0
Phosphorus	ppm	169	207	197	188
Barium	ppm	<1	<1	0	0
Boron	ppm	77	78	98	76

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.

Depot: VOLVO0093
Unique No: 10897018
Signed: Don Baldrige
Report Date: 26 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

