



CONSTRUCTION EQUIPMENT

566232 NA MINING VOLVO L150H 6491 - TRANSMISSION (AUTO)



Sample No: VCP418283
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 566232 NA MINING



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SAMPLE INFORMATION

Sample Number	VCP418283	VCP392710	VCP354091	VCP279221
Sample Date	14 Jun 2023	06 Mar 2023	22 Aug 2022	28 Oct 2020
Machine Hours	4891	4331	3814	1132
Oil Hours	1000	2000	500	1132
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	30.8	28.1	24.6	26.6
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CONTAMINATION

Silicon	ppm	4	4	4	7
Sodium	ppm	2	2	0	5
Potassium	ppm	<1	3	2	6



WEAR METALS

Iron	ppm	102	88	76	66
Copper	ppm	4	4	4	5
Lead	ppm	0	0	<1	1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	3	3	2	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	77	84	83	109
Magnesium	ppm	0	5	2	1
Zinc	ppm	0	0	7	18
Phosphorus	ppm	187	188	185	176
Barium	ppm	0	0	0	6
Boron	ppm	73	72	78	56

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.

Depot: VOLVO0093
Unique No: 10551225
Signed: Wes Davis
Report Date: 12 Jul 2023



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GRAPHS

