



CONSTRUCTION EQUIPMENT

19793 KOPPERS-LELAND VOLVO L150H 6856 - TRANSMISSION (AUTO)



Sample No: VCP441581
Oil Type: VOLVO AT 102
Job No: 19793 KOPPERS-LELAND



SAMPLE INFORMATION

Sample Number	VCP441581	VCP415900	VCP421464	VCP305471
Sample Date	28 Sep 2023	13 Jul 2023	03 May 2023	11 Aug 2021
Machine Hours	6473	6021	5629	2042
Oil Hours	0	0	1635	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.5	33.4	30.8	29.1
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CONTAMINATION

Silicon	ppm	5	4	4	15
Sodium	ppm	1	3	3	4
Potassium	ppm	2	<1	1	3



WEAR METALS

Iron	ppm	▲ 172	126	122	15
Copper	ppm	6	4	4	16
Lead	ppm	0	0	2	1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	2	1	2	4
Chromium	ppm	1	1	1	<1
Molybdenum	ppm	3	2	2	0
Nickel	ppm	<1	0	0	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	187	152	141	90
Magnesium	ppm	29	25	18	0
Zinc	ppm	67	50	33	12
Phosphorus	ppm	267	239	228	228
Barium	ppm	2	0	0	0
Boron	ppm	77	72	72	81

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: VOLVO8769
Unique No: 10702513
Signed: Don Baldrige
Report Date: 23 Oct 2023

VOLVO **GRAPHS**

