



CONSTRUCTION EQUIPMENT

2023-1013878 VOLVO L250H 61 - TRANSMISSION (AUTO)



Sample No: VCP405323
Oil Type: VOLVO AT 102
Job No: 2023-1013878



SAMPLE INFORMATION

Sample Number	VCP405323	VCP401562	VCP319752	VCP289236
Sample Date	26 Oct 2023	16 Aug 2023	02 Dec 2021	03 May 2021
Machine Hours	16681	16170	12087	0
Oil Hours	500	0	1500	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	MARGINAL	NORMAL	NORMAL	SEVERE

J.M. HUBER

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OIL CONDITION

Visc @ 40°C	cSt	28.7	28.3	28.3	25.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	15	11
Sodium	ppm	2	3	6	2
Potassium	ppm	0	0	17	<1



WEAR METALS

Iron	ppm	13	21	30	▲ 114
Copper	ppm	2	2	5	13
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	2
Aluminum	ppm	0	0	<1	▲ 42
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	73	71	74	76
Magnesium	ppm	0	0	9	3
Zinc	ppm	0	0	8	4
Phosphorus	ppm	186	201	180	154
Barium	ppm	0	0	0	0
Boron	ppm	98	116	74	67

Diagnosis

The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of visible silt present in the sample. The condition of the fluid is acceptable for the time in service.

Depot: JMHMAR
Unique No: 10737642
Signed: Doug Bogart
Report Date: 22 Nov 2023



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VOLVO GRAPHS

