



CONSTRUCTION EQUIPMENT

VOLVO L250H 61 - TRANSMISSION (AUTO)



Sample No: VCP401562
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP401562	VCP319752	VCP289236	VCP194777
Sample Date	16 Aug 2023	02 Dec 2021	03 May 2021	11 Oct 2019
Machine Hours	16170	12087	0	0
Oil Hours	0	1500	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	SEVERE	MARGINAL

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 10322 HWY 53 E
 MARBLE HILL, GA
 US 30148
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 T: (770)893-7602
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.3	28.3	25.8	26.2
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CONTAMINATION

Silicon	ppm	2	15	11	5
Sodium	ppm	3	6	2	2
Potassium	ppm	0	17	<1	2



WEAR METALS

Iron	ppm	21	30	▲ 114	▲ 122
Copper	ppm	2	5	13	8
Lead	ppm	0	0	<1	2
Tin	ppm	0	<1	2	0
Aluminum	ppm	0	<1	▲ 42	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	2	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	71	74	76	85
Magnesium	ppm	0	9	3	<1
Zinc	ppm	0	8	4	11
Phosphorus	ppm	201	180	154	151
Barium	ppm	0	0	0	0
Boron	ppm	116	74	67	63

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: JMHMAR
Unique No: 10621733
Signed: Wes Davis
Report Date: 29 Aug 2023

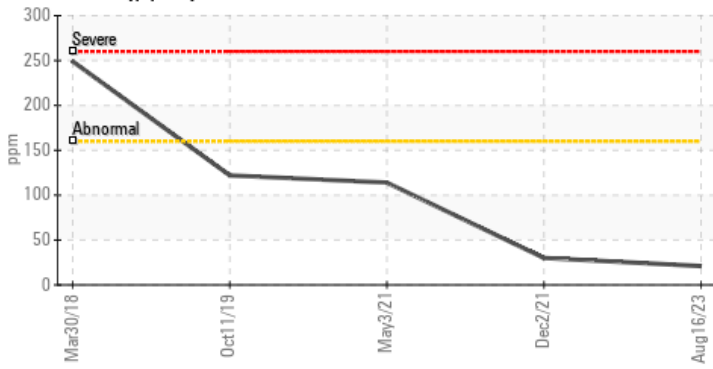


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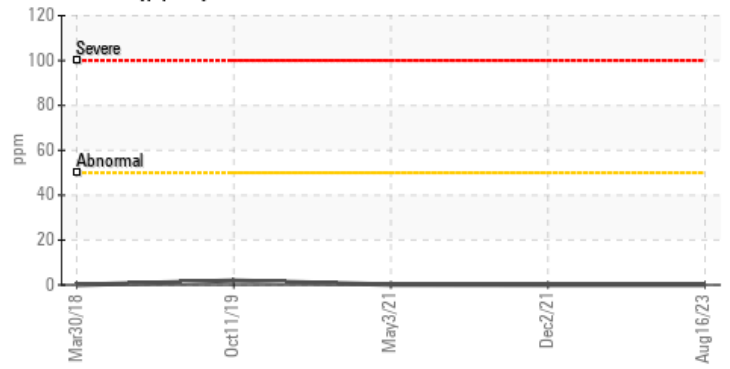


GRAPHS

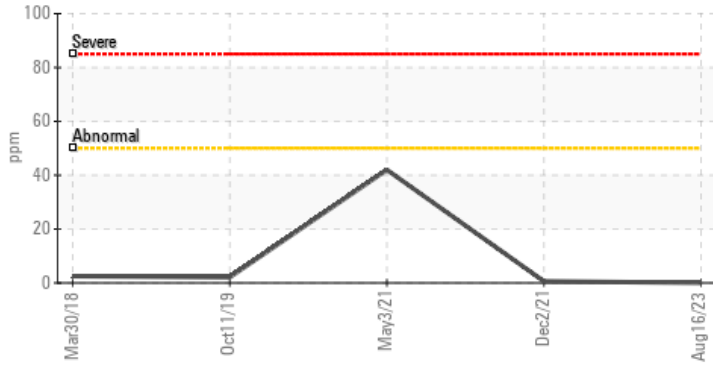
Iron (ppm)



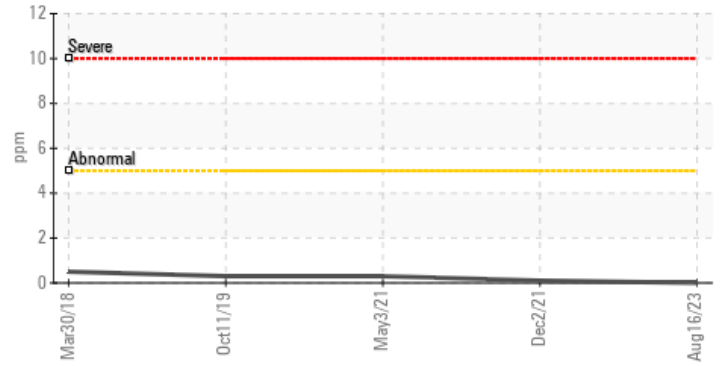
Lead (ppm)



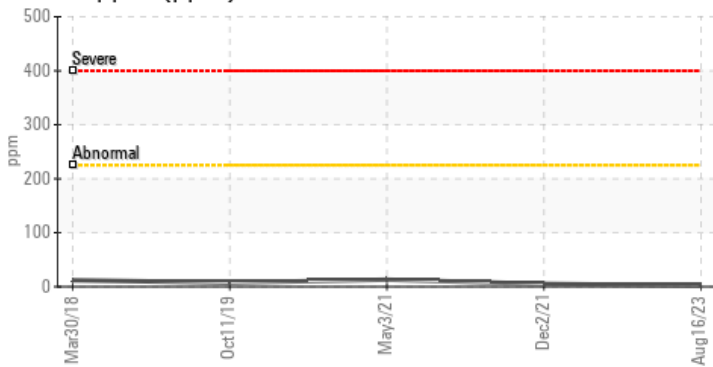
Aluminum (ppm)



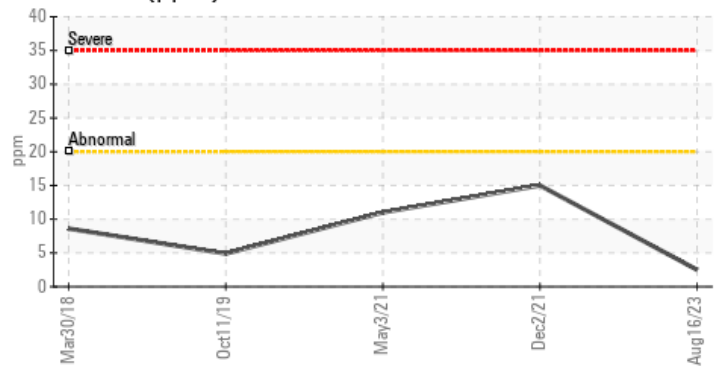
Chromium (ppm)



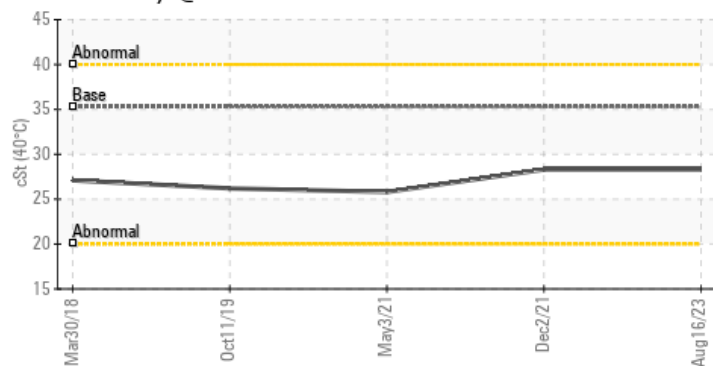
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

