



CONSTRUCTION EQUIPMENT

2010 VOLVO L120G 31397 - TRANSMISSION (AUTO)



Sample No: VCP398130
Oil Type: VOLVO AT 102
Job No: 2010



SAMPLE INFORMATION

Sample Number	VCP398130	VCP396804	VCP374948	VCP341656
Sample Date	11 Sep 2023	22 May 2023	21 Sep 2022	06 May 2022
Machine Hours	11575	11150	10255	9820
Oil Hours	0	0	0	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LEONARDS CONTRACTING
 30850 STEPHENSON HWY
 MADISON HEIGHTS, MI
 US 48071
 Contact: LARRY SCHRADER
 larry.schrader@sdevelop.com
 T: (810)499-1953
 F: x:



OIL CONDITION

Visc @ 40°C	cSt	30.8	29.3	29.6	29.9
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CONTAMINATION

Silicon	ppm	9	6	8	9
Sodium	ppm	20	16	16	19
Potassium	ppm	3	3	3	3



WEAR METALS

Iron	ppm	89	75	76	85
Copper	ppm	13	13	12	14
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	10	10	9	11
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	150	135	133	144
Magnesium	ppm	3	1	<1	2
Zinc	ppm	134	78	75	90
Phosphorus	ppm	304	249	254	281
Barium	ppm	0	0	0	0
Boron	ppm	54	49	51	48

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: LEOMAD
Unique No: 10662745
Signed: Doug Bogart
Report Date: 27 Sep 2023

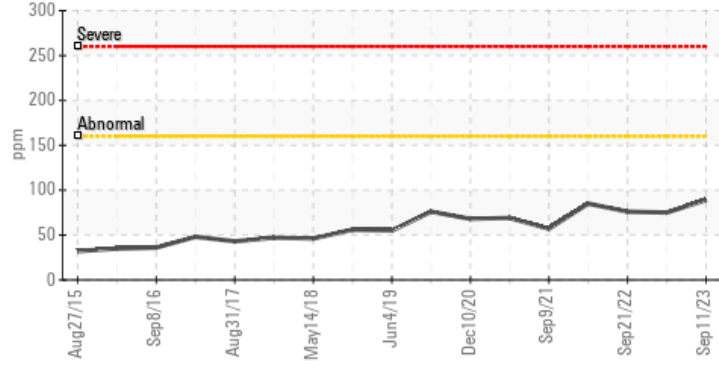


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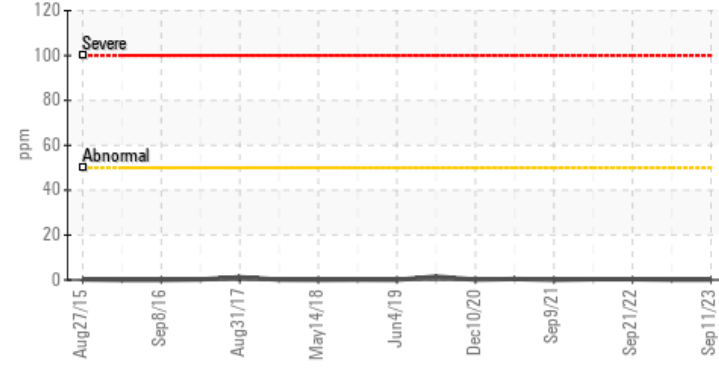


GRAPHS

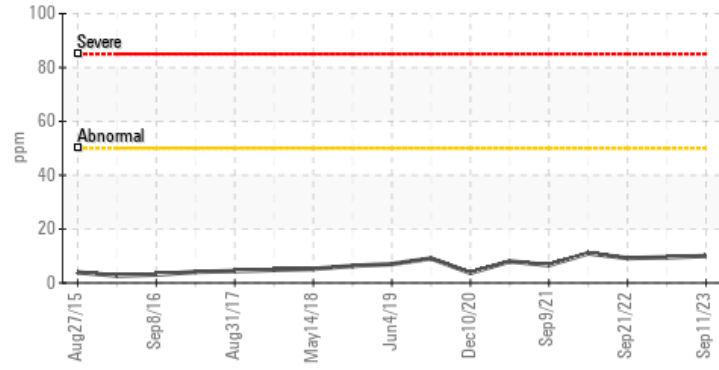
Iron (ppm)



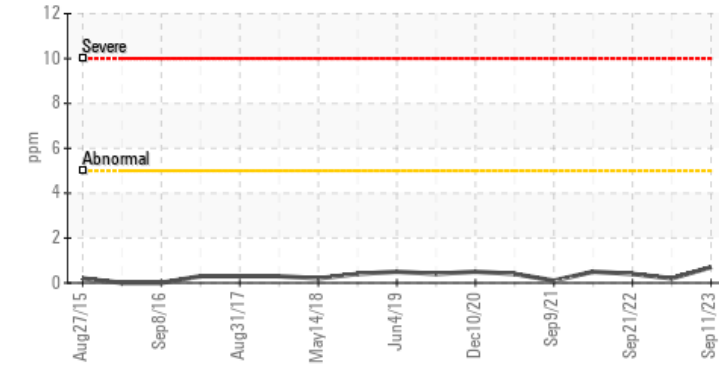
Lead (ppm)



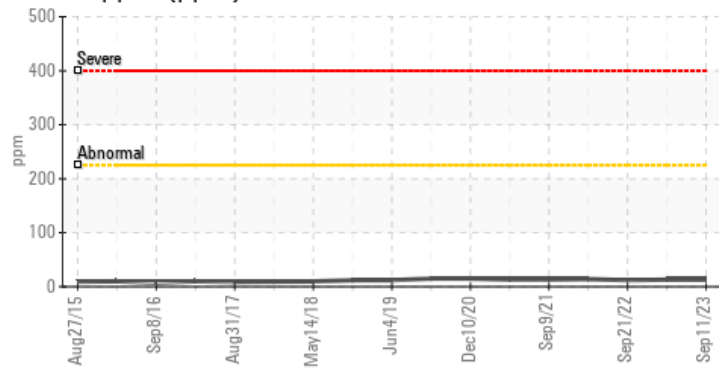
Aluminum (ppm)



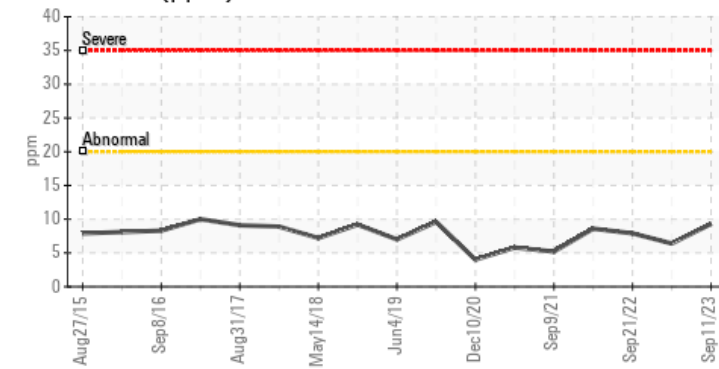
Chromium (ppm)



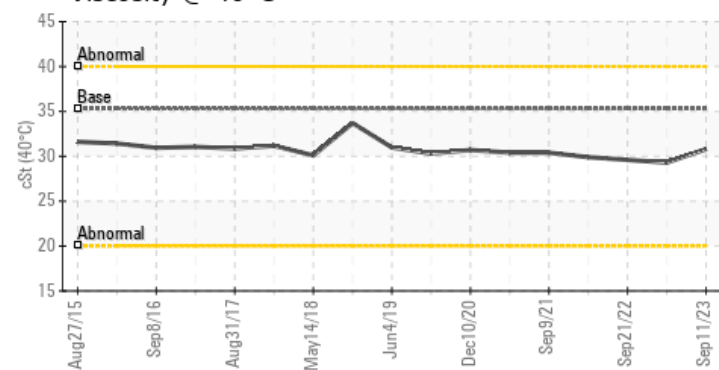
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

