



CONSTRUCTION EQUIPMENT

2019 VOLVO L120H 632554 - TRANSMISSION (AUTO)



Sample No: VCP383162
Oil Type: VOLVO AT 102
Job No: 2019



SAMPLE INFORMATION

Sample Number	VCP383162	VCP382936	VCP384263	VCP373550
Sample Date	03 Jan 2024	13 Jun 2023	30 Mar 2023	06 Dec 2022
Machine Hours	6905	5855	5340	4825
Oil Hours	0	0	0	1000
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	24.9	24.9	25.1	25.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	5	6
Sodium	ppm	6	5	0	4
Potassium	ppm	<1	3	2	<1

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.



WEAR METALS

Iron	ppm	108	83	78	67
Copper	ppm	10	8	9	10
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	11	10	5	5
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	4	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	91	91	92
Magnesium	ppm	0	<1	1	<1
Zinc	ppm	12	6	14	13
Phosphorus	ppm	179	195	178	182
Barium	ppm	0	0	0	0
Boron	ppm	72	79	82	75

Depot: LEOMAD
Unique No: 10847480
Signed: Don Baldrige
Report Date: 28 Jan 2024

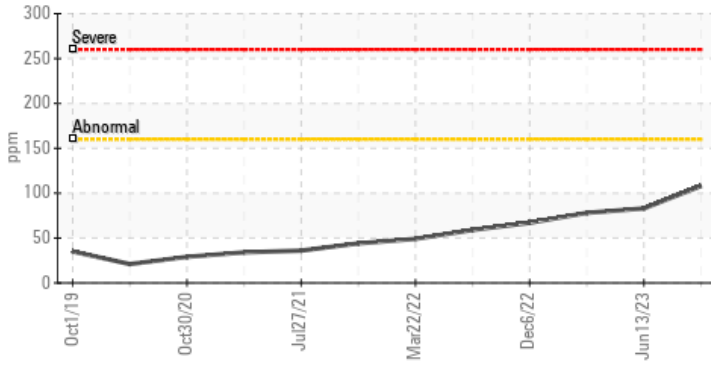


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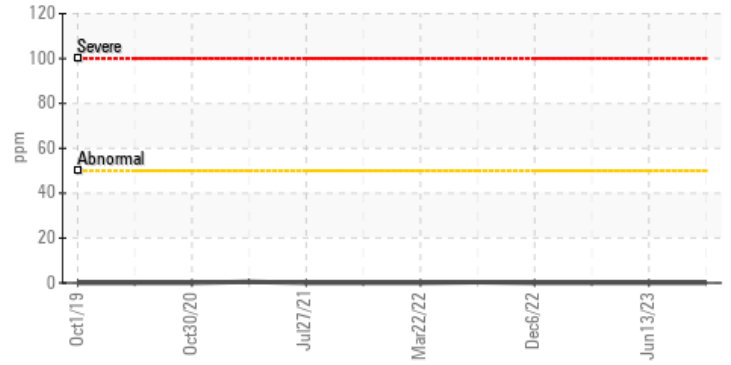


GRAPHS

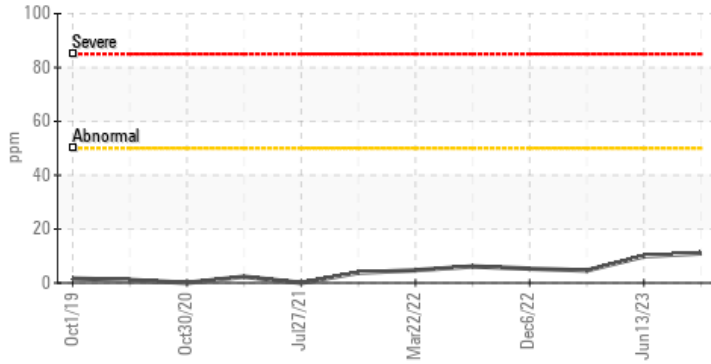
Iron (ppm)



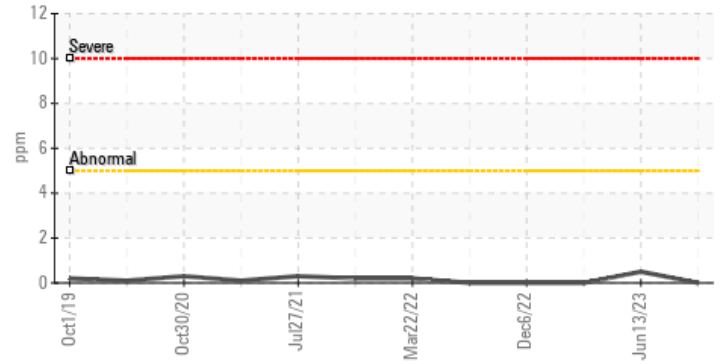
Lead (ppm)



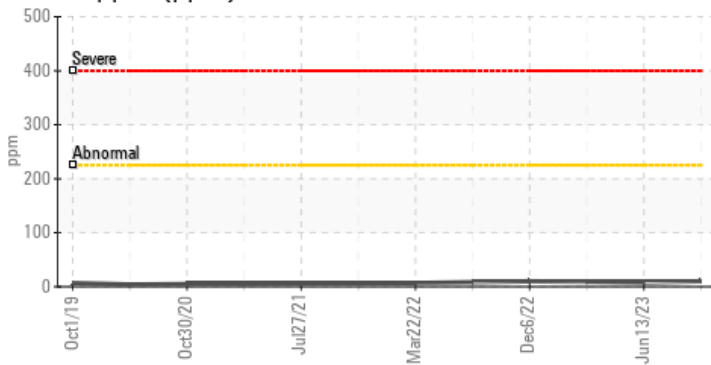
Aluminum (ppm)



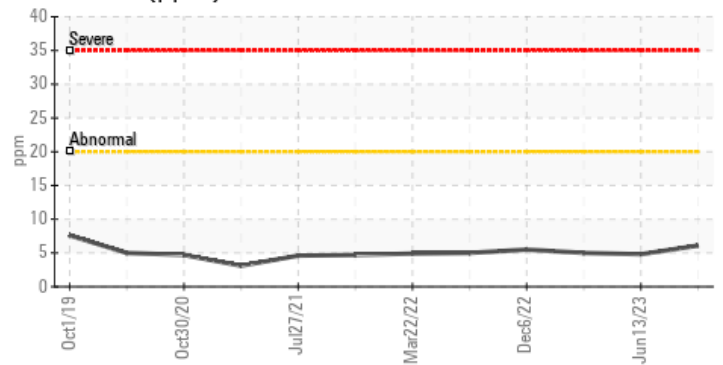
Chromium (ppm)



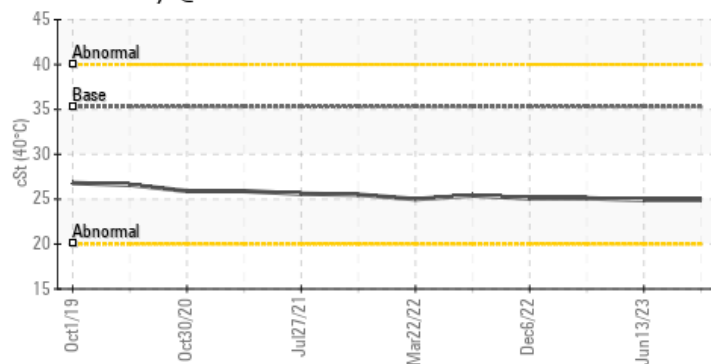
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

