



CONSTRUCTION EQUIPMENT

VOLVO L120H 632959 - TRANSMISSION (AUTO)



Sample No: VCP434485
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP434485	VCP383202	VCP383886	VCP350550
Sample Date	14 Jun 2024	25 May 2023	19 Oct 2022	16 Jul 2022
Machine Hours	4230	2670	1660	1120
Oil Hours	1000	0	0	0
Oil Changed	Not Changd	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	27.7	27.8	28.6	28.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	12	11	12
Sodium	ppm	4	2	4	5
Potassium	ppm	2	2	0	0

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	99	77	101	59
Copper	ppm	13	9	6	7
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	6	5	1	0
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	6	5	6	5
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	76	83	55	92
Magnesium	ppm	3	3	0	1
Zinc	ppm	25	19	5	18
Phosphorus	ppm	195	183	189	248
Barium	ppm	5	0	0	2
Boron	ppm	74	75	80	89

Depot: LEOMAD
Unique No: 11088057
Signed: Wes Davis
Report Date: 20 Jun 2024

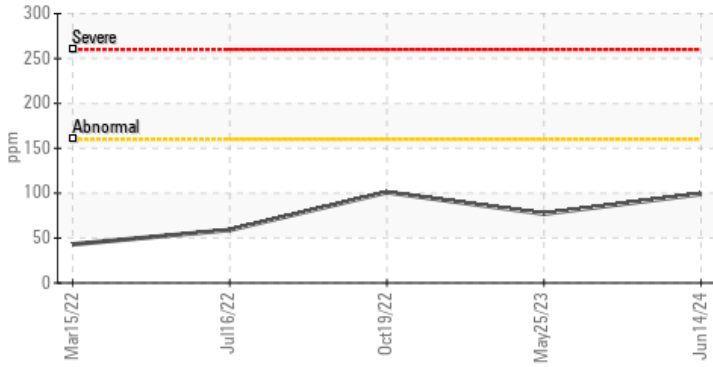


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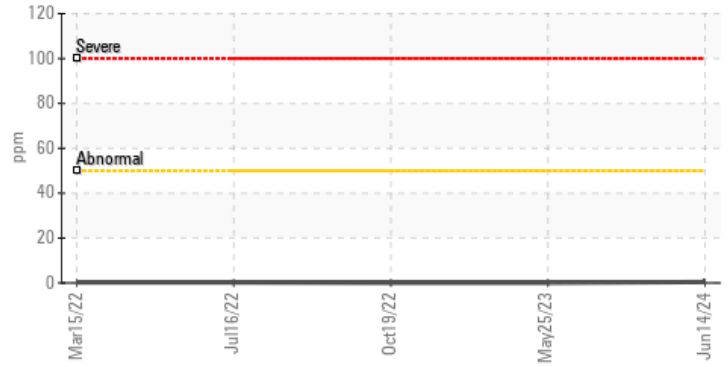


GRAPHS

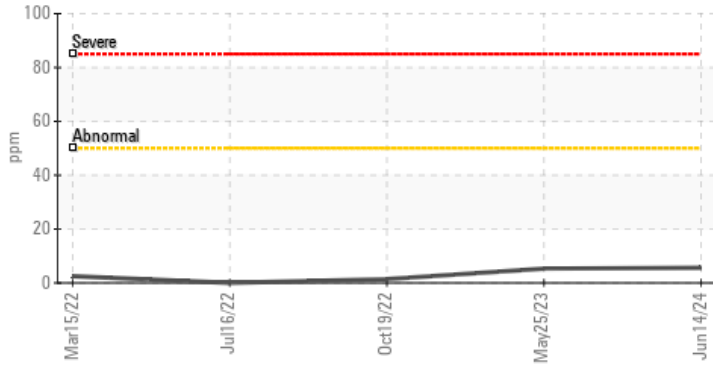
Iron (ppm)



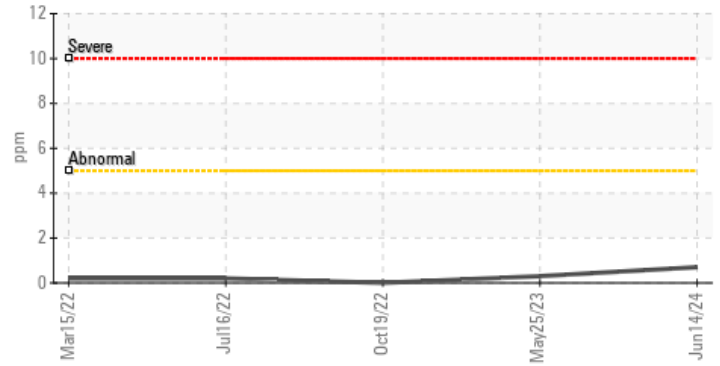
Lead (ppm)



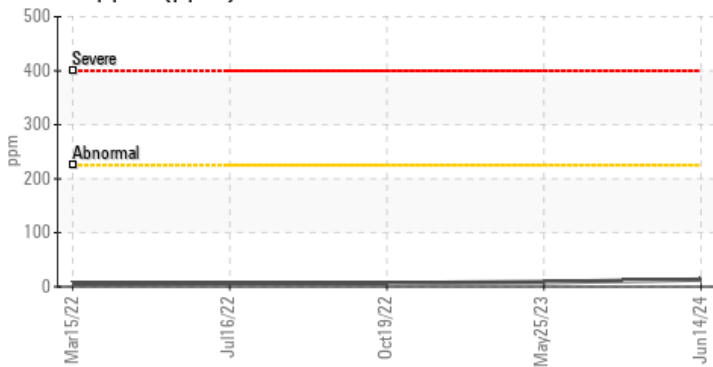
Aluminum (ppm)



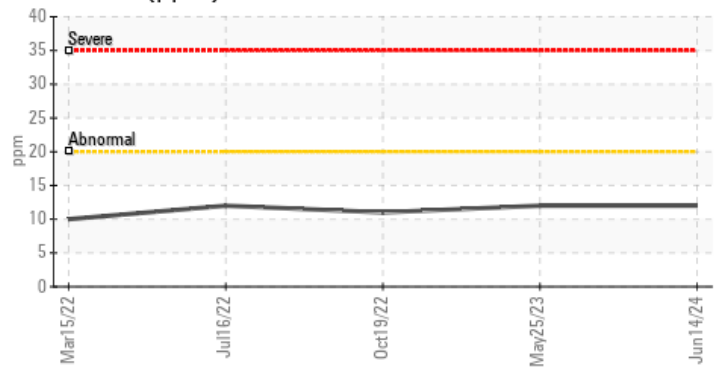
Chromium (ppm)



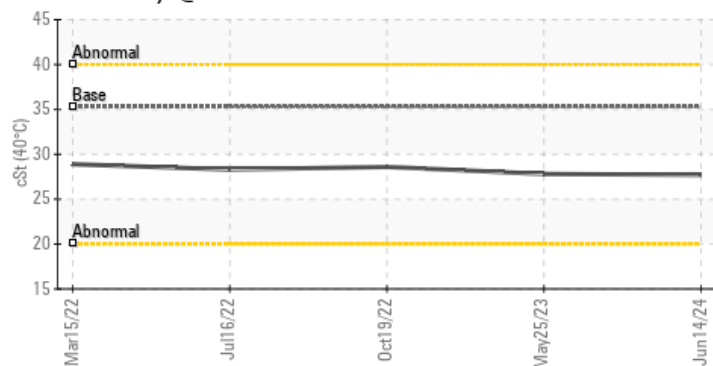
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

