



CONSTRUCTION EQUIPMENT

VOLVO L220G 12011 - TRANSMISSION (AUTO)



Sample No: VCP323052
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP323052	VC068873	VCP156781	VCP168048
Sample Date	30 Nov 2021	30 Sep 2015	21 Jul 2015	02 May 2015
Machine Hours	18873	9146	8604	8009
Oil Hours	0	0	1000	500
Oil Changed	Not Changd	N/A	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CALLANAN
 RT 32 677 FLATBUSH RD
 EAST KINGSTON, NY
 US 12401
 Contact:



OIL CONDITION

Visc @ 40°C	cSt	27.7	27.7	27.98	27.86
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	2	1	0
Sodium	ppm	3	3	2	1
Potassium	ppm	8	0	<1	<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	5	30	23	31
Copper	ppm	1	2	2	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	2
Manganese	ppm	2	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	83	84	93	83
Magnesium	ppm	0	<1	<1	0
Zinc	ppm	3	8	8	6
Phosphorus	ppm	184	169	169	151
Barium	ppm	0	0	0	<1
Boron	ppm	77	65	73	64

Depot: CALEAS
Unique No: 9762797
Signed: Jonathan Hester
Report Date: 03 Dec 2021

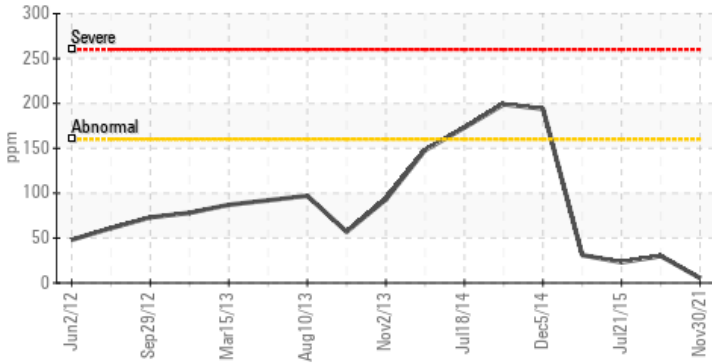


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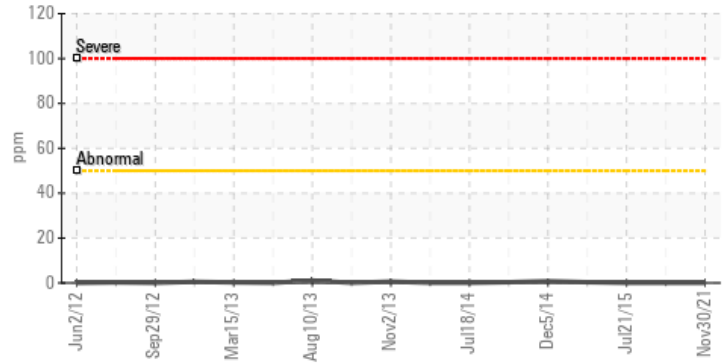


VOLVO GRAPHS

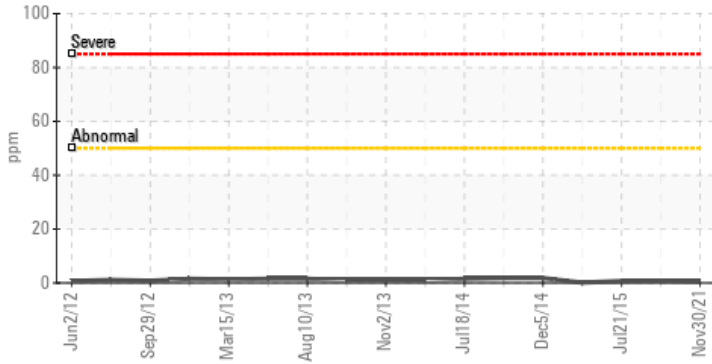
Iron (ppm)



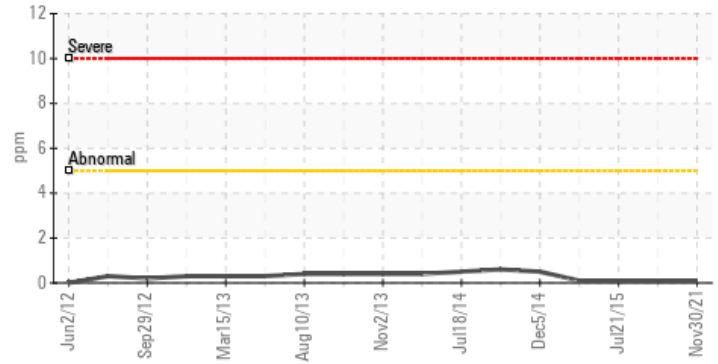
Lead (ppm)



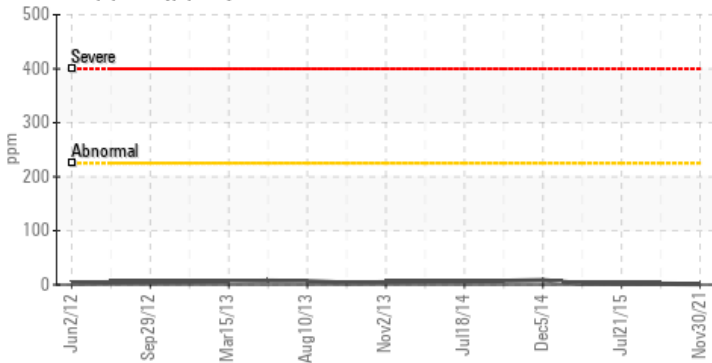
Aluminum (ppm)



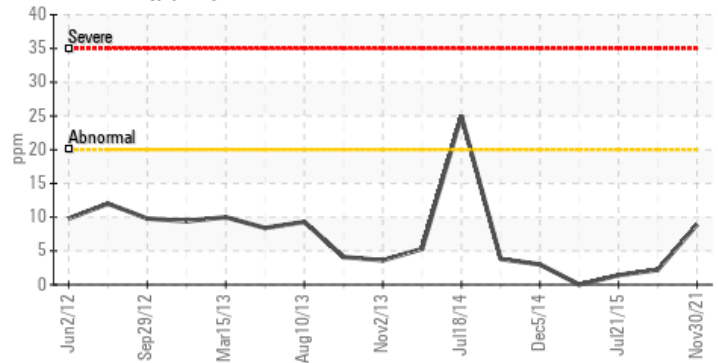
Chromium (ppm)



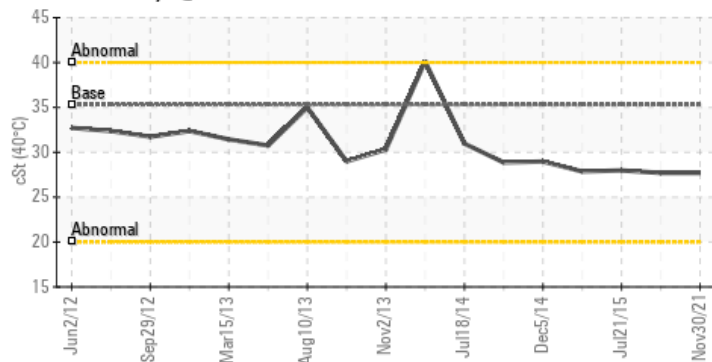
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

