



CONSTRUCTION EQUIPMENT

VOLVO L120H 632105 - TRANSMISSION (AUTO)



Sample No: VCP437856
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP437856	VCP429446	VCP424512	VCP409528
Sample Date	24 Apr 2024	23 Jan 2024	07 Jun 2023	10 Feb 2023
Machine Hours	19559	18925	18030	17307
Oil Hours	0	0	8000	9000
Oil Changed	Not Changd	N/A	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

OLDCASTLE LAWN AND GARDEN
 2427 RWS RANCH RD
 DAVENPORT, FL
 US 33837
 Contact: DAVID ORTIZ
 david.ortiz@oldcastle.com
 T: (800)833-2984
 F: (863)421-1776



OIL CONDITION

Visc @ 40°C	cSt	31.55	37.7	35.8	35.77
Viscosity Index (VI)	Scale	---	153	---	---



CONTAMINATION

Water	%	NEG	NEG	NEG	0.065
Silicon	ppm	3	7	6	7
Sodium	ppm	3	3	1	6
Potassium	ppm	3	4	2	2

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	38	246	197	187
Copper	ppm	3	12	11	10
Lead	ppm	0	1	2	3
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	3	4	4
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	6	13	9	6
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	5	5	4
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	4	4	5
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	241	764	636	563
Magnesium	ppm	40	267	190	184
Zinc	ppm	106	465	359	311
Phosphorus	ppm	263	486	398	374
Barium	ppm	0	5	0	0
Boron	ppm	94	57	53	49

Depot: GREDAVFL
Unique No: 11044013
Signed: Jonathan Hester
Report Date: 31 May 2024

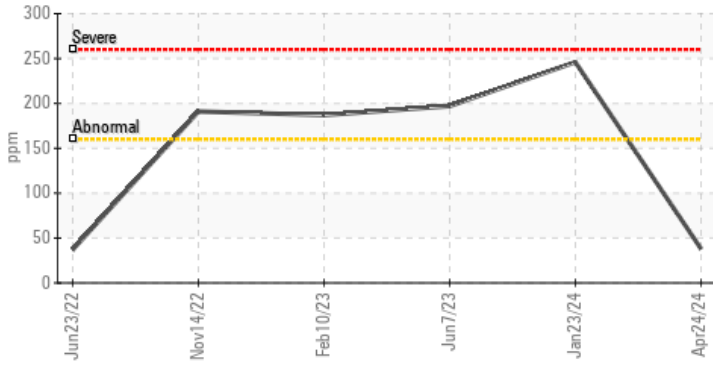


CONSTRUCTION EQUIPMENT

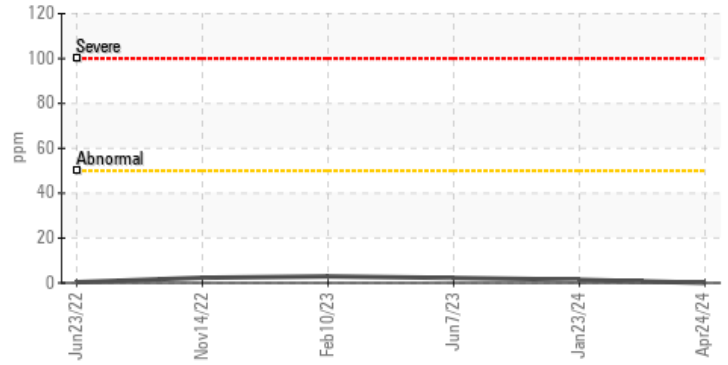


VOLVO GRAPHS

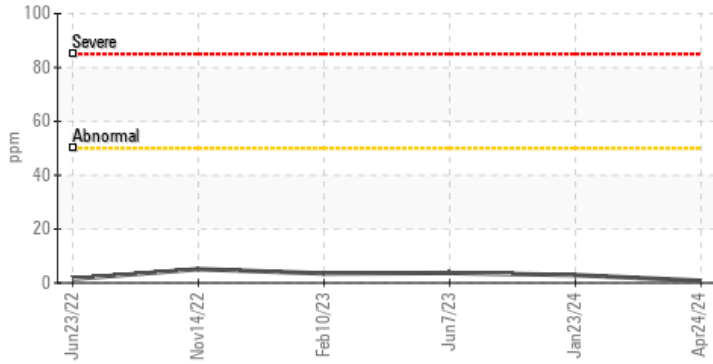
Iron (ppm)



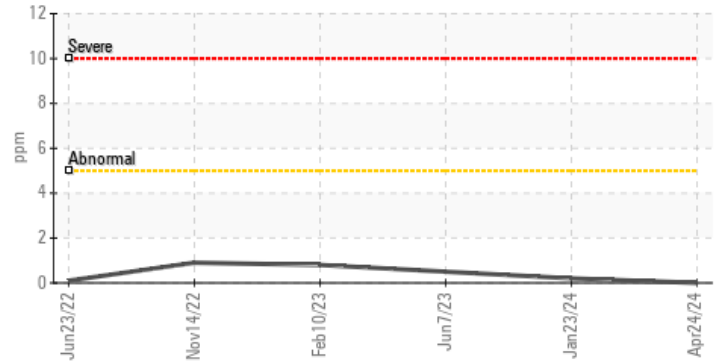
Lead (ppm)



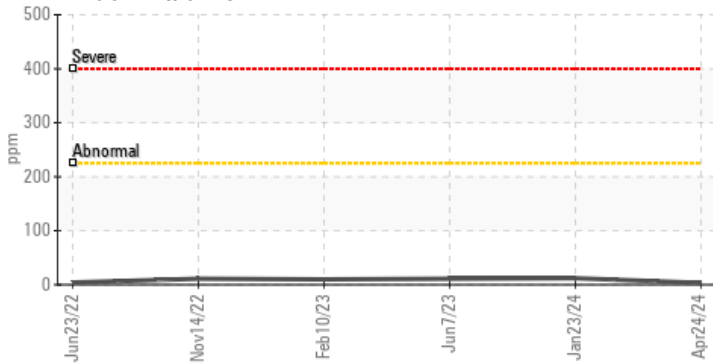
Aluminum (ppm)



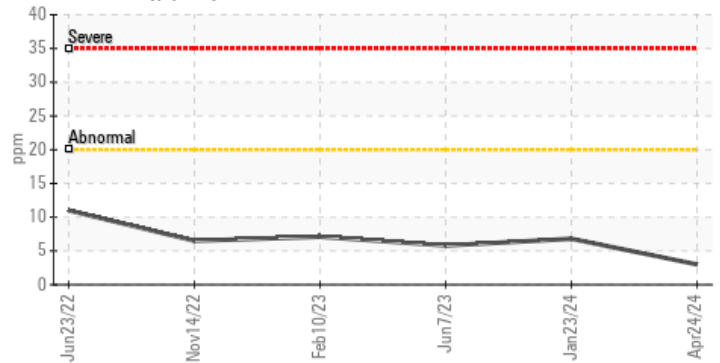
Chromium (ppm)



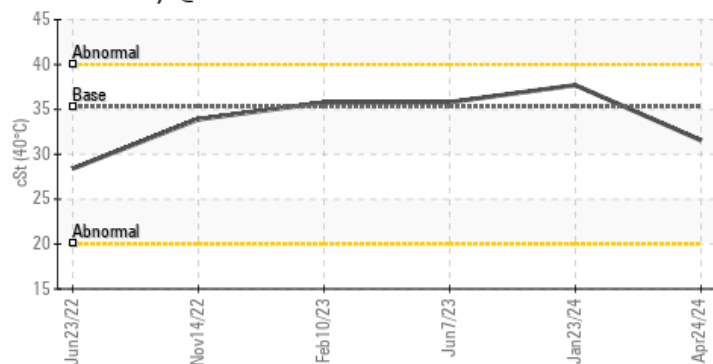
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Base Number

