



CONSTRUCTION EQUIPMENT

580533 CITRUS VOLVO L110H 632401 - REAR AXLE



Sample No: VCP425881
Oil Type: VOLVO WB 102
Job No: 580533 CITRUS



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP425881	VCP379682	---	---
Sample Date	26 Jul 2023	02 Feb 2023	---	---
Machine Hours	2144	1092	---	---
Oil Hours	2144	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	43.2	41.0	---	---
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CONTAMINATION

Silicon	ppm	18	25	---	---
Sodium	ppm	4	10	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	152	320	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	3	6	---	---
Molybdenum	ppm	8	21	---	---
Nickel	ppm	1	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	12	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3792	4094	---	---
Magnesium	ppm	13	16	---	---
Zinc	ppm	1557	1643	---	---
Phosphorus	ppm	1266	1327	---	---
Barium	ppm	1	0	---	---
Boron	ppm	122	134	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10602437
Signed: Sean Felton
Report Date: 14 Aug 2023



CONSTRUCTION EQUIPMENT

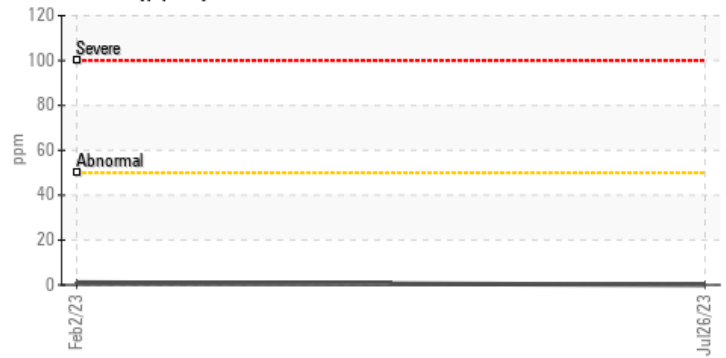


GRAPHS

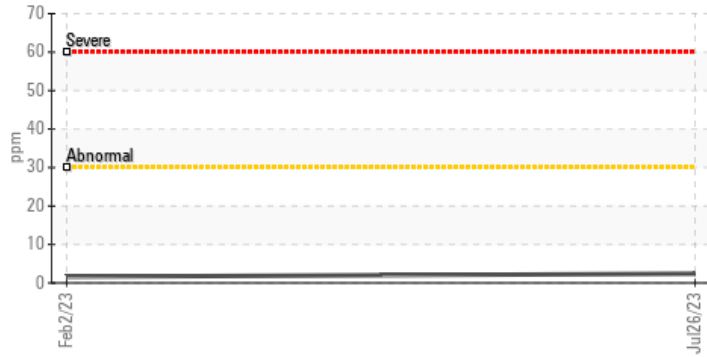
Iron (ppm)



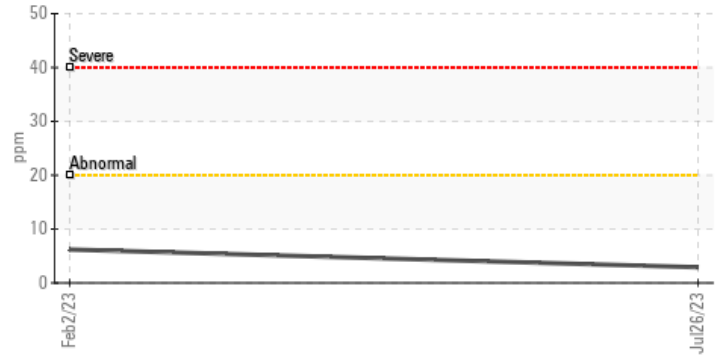
Lead (ppm)



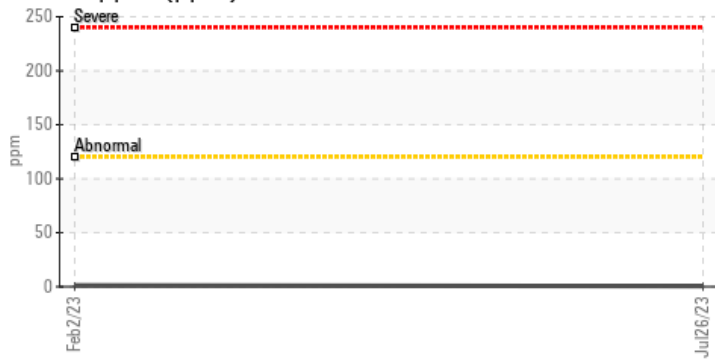
Aluminum (ppm)



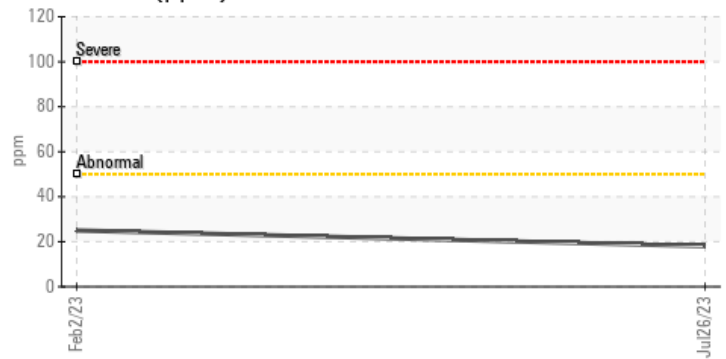
Chromium (ppm)



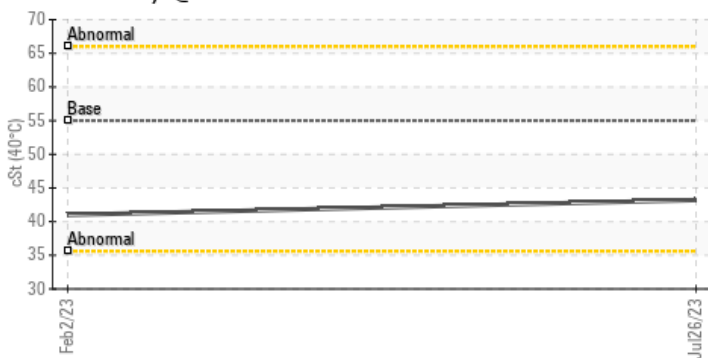
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

