



CONSTRUCTION EQUIPMENT

580521 CITRUS VOLVO L110H 632392 - REAR AXLE



Sample No: VCP422909
Oil Type: VOLVO WB 102
Job No: 580521 citrus



SAMPLE INFORMATION

Sample Number	VCP422909	VCP395742	---	---
Sample Date	26 Jul 2023	02 Feb 2023	---	---
Machine Hours	2132	1058	---	---
Oil Hours	2132	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	43.8	40.8	---	---
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CONTAMINATION

Silicon	ppm	22	32	---	---
Sodium	ppm	5	10	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	173	217	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	3	5	---	---
Molybdenum	ppm	7	10	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	9	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3831	4234	---	---
Magnesium	ppm	13	12	---	---
Zinc	ppm	1578	1702	---	---
Phosphorus	ppm	1287	1394	---	---
Barium	ppm	1	0	---	---
Boron	ppm	126	155	---	---

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: 10602481
Signed: Sean Felton
Report Date: 14 Aug 2023

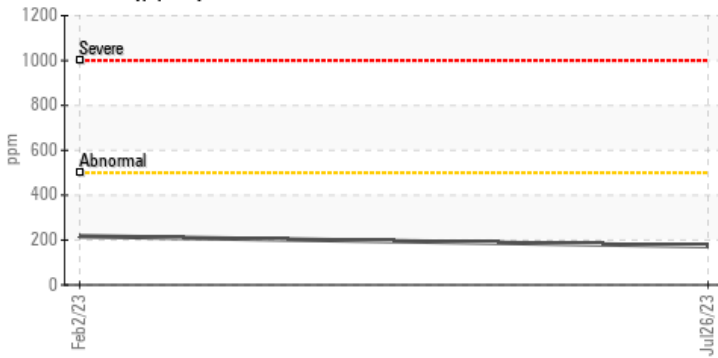


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GRAPHS

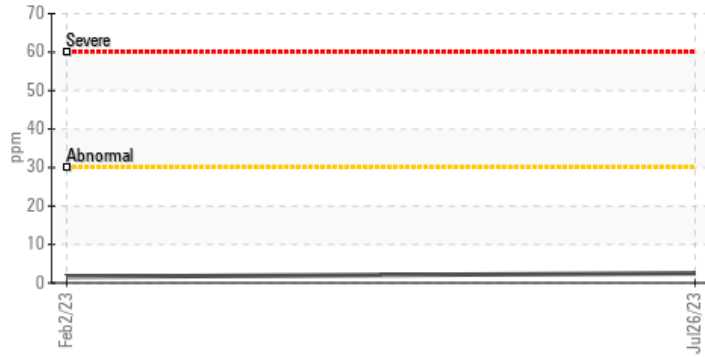
Iron (ppm)



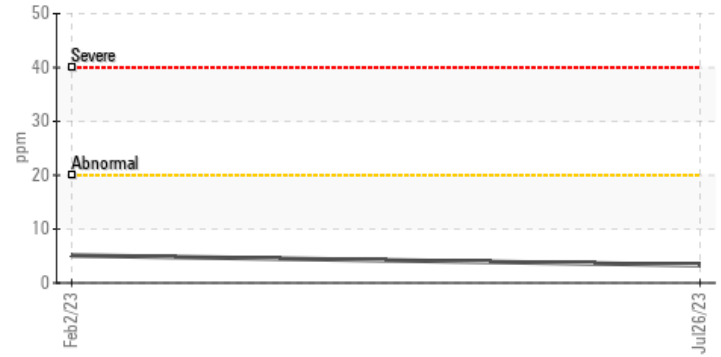
Lead (ppm)



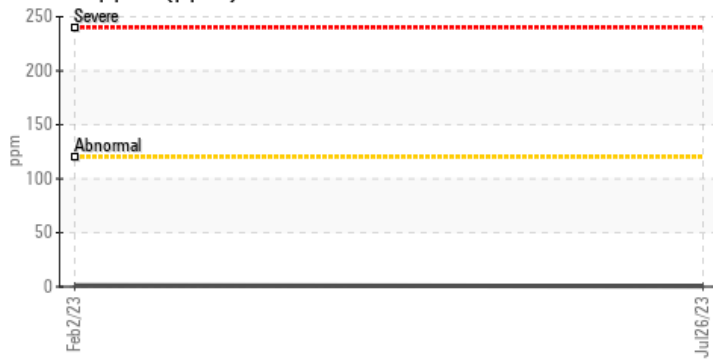
Aluminum (ppm)



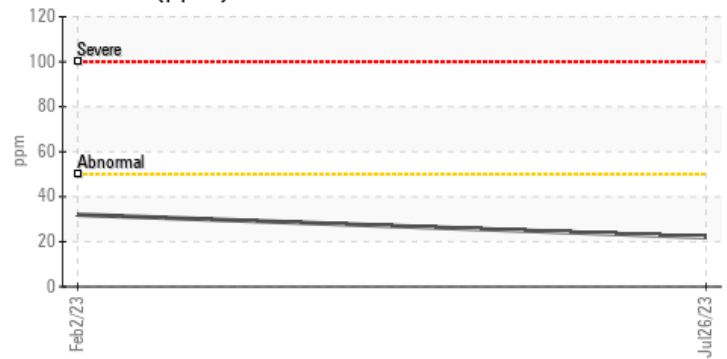
Chromium (ppm)



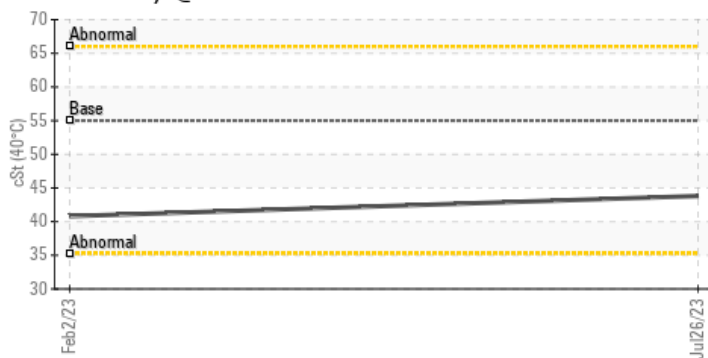
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

