



CONSTRUCTION EQUIPMENT

580533 CITRUS VOLVO L110H 632401 - FRONT AXLE



Sample No: VCP417001
Oil Type: VOLVO WB 102
Job No: 580533 CITRUS



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP417001	VCP379685	---	---
Sample Date	26 Jul 2023	02 Feb 2023	---	---
Machine Hours	2144	1092	---	---
Oil Hours	21	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.5	40.8	---	---
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CONTAMINATION

Silicon	ppm	19	28	---	---
Sodium	ppm	4	11	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	149	289	---	---
Copper	ppm	<1	1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	4	8	---	---
Molybdenum	ppm	5	16	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	14	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3812	4220	---	---
Magnesium	ppm	12	14	---	---
Zinc	ppm	1555	1662	---	---
Phosphorus	ppm	1280	1362	---	---
Barium	ppm	1	0	---	---
Boron	ppm	126	139	---	---

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.

Depot: VOLVO0093
Unique No: 10602490
Signed: Wes Davis
Report Date: 13 Aug 2023



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VOLVO GRAPHS

