



CONSTRUCTION EQUIPMENT

5805521 CITRUS VOLVO L110H 632392 - FRONT AXLE



Sample No: VCP422484
Oil Type: VOLVO WB 102
Job No: 5805521 CITRUS



SAMPLE INFORMATION

Sample Number	VCP422484	VCP395739	---	---
Sample Date	26 Jul 2023	02 Feb 2023	---	---
Machine Hours	2132	1058	---	---
Oil Hours	2132	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.4	40.9	---	---
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CONTAMINATION

Silicon	ppm	20	27	---	---
Sodium	ppm	5	8	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	163	316	---	---
Copper	ppm	1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	4	8	---	---
Molybdenum	ppm	5	15	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	7	14	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3761	4027	---	---
Magnesium	ppm	12	10	---	---
Zinc	ppm	1551	1610	---	---
Phosphorus	ppm	1271	1319	---	---
Barium	ppm	1	0	---	---
Boron	ppm	125	150	---	---

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: 10602439
Signed: Wes Davis
Report Date: 12 Aug 2023



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GRAPHS

