



CONSTRUCTION EQUIPMENT

0196 VOLVO L110H 632536 - FRONT AXLE



Sample No: VCP438940
Oil Type: VOLVO WB 102
Job No: 0196



SAMPLE INFORMATION

Sample Number	VCP438940	VCP432734	VCP427089	---
Sample Date	19 Jan 2024	02 Sep 2023	22 Jun 2023	---
Machine Hours	2056	1051	539	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COVANTA LAKES
 3830 ROGERS INDUSTRIAL PARK ROAD
 OKAHUMPKA, FL
 US 32762
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	43.2	41.2	41.4	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	18	23	24	---
Sodium	ppm	0	4	4	---
Potassium	ppm	3	0	3	---

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	106	189	116	---
Copper	ppm	<1	0	1	---
Lead	ppm	0	0	2	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	1	2	3	---
Chromium	ppm	3	6	4	---
Molybdenum	ppm	5	15	13	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	8	15	11	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	4049	4094	3078	---
Magnesium	ppm	14	15	16	---
Zinc	ppm	1696	1646	1263	---
Phosphorus	ppm	1156	1336	1012	---
Barium	ppm	0	0	0	---
Boron	ppm	145	134	98	---

Depot: COVOKA
Unique No: 10846451
Signed: Wes Davis
Report Date: 25 Jan 2024



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GRAPHS

