



CONSTRUCTION EQUIPMENT

VOLVO L120H 632644 - FRONT AXLE



Sample No: VCP451334
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP451334	VCP452441	VCP411604	---
Sample Date	29 Apr 2024	15 Jan 2024	29 Sep 2023	---
Machine Hours	3837	2464	906	---
Oil Hours	0	2464	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

COVANTA
 350 FLAKENBURG ROAD
 TAMPA, FL
 US 33619
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	44.4	42.2	41.9	---
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T: (813)684-5688
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	18	28	---
Sodium	ppm	2	<1	4	---
Potassium	ppm	1	<1	0	---

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	35	75	199	---
Copper	ppm	0	0	<1	---
Lead	ppm	0	<1	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	2	4	---
Molybdenum	ppm	10	1	7	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	3	7	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3787	3078	3451	---
Magnesium	ppm	45	10	0	---
Zinc	ppm	1574	1463	1374	---
Phosphorus	ppm	1304	1206	1092	---
Barium	ppm	0	0	0	---
Boron	ppm	120	31	123	---

Depot: COVTAM
Unique No: 11057888
Signed: Wes Davis
Report Date: 31 May 2024



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GRAPHS

