



CONSTRUCTION EQUIPMENT

S50601654 IAA VOLVO L90G 3938 - FRONT AXLE



Sample No: VCP439442
Oil Type: VOLVO WB 102
Job No: S50601654 IAA



SAMPLE INFORMATION

Sample Number	VCP439442	VCP293582	VCP214631	---
Sample Date	18 Jan 2024	11 Feb 2021	22 Jan 2018	---
Machine Hours	16000	13059	8125	---
Oil Hours	0	13059	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

1944 MARINA BLVD
SAN LEANDRO, CA
US 94577

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OIL CONDITION

Visc @ 40°C	cSt	48.3	48.7	38.56	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	12	10	---
Sodium	ppm	0	4	2	---
Potassium	ppm	2	0	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	114	209	18	---
Copper	ppm	1	<1	0	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3097	301	3940	---
Magnesium	ppm	10	3	10	---
Zinc	ppm	1286	58	1630	---
Phosphorus	ppm	1458	2368	1362	---
Barium	ppm	0	0	0	---
Boron	ppm	196	109	100	---

Depot: VOLVO4487
Unique No: 10845895
Signed: Wes Davis
Report Date: 24 Jan 2024



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GRAPHS

