



CONSTRUCTION EQUIPMENT

X36942 5547 - FRONT AXLE



Sample No: VCP414319
Oil Type: NOT GIVEN
Job No: X36942



SAMPLE INFORMATION

Sample Number	VCP414319	VCP387027	---	---
Sample Date	10 Nov 2023	23 Nov 2022	---	---
Machine Hours	5734	3143	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	51.7	44.7	---	---
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CONTAMINATION

Silicon	ppm	13	12	---	---
Sodium	ppm	3	0	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	64	208	---	---
Copper	ppm	41	138	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	5	---	---
Molybdenum	ppm	0	3	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	7	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3299	3102	---	---
Magnesium	ppm	18	19	---	---
Zinc	ppm	1362	1168	---	---
Phosphorus	ppm	1114	1047	---	---
Barium	ppm	0	0	---	---
Boron	ppm	102	71	---	---

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: VOLVO6242
Unique No: 10749070
Signed: Doug Bogart
Report Date: 19 Nov 2023



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GRAPHS

