



CONSTRUCTION EQUIPMENT

24356 VOLVO L110H 632301 - FRONT AXLE



Sample No: VCP420541
Oil Type: VOLVO WB 102
Job No: 24356



SAMPLE INFORMATION

Sample Number	VCP420541	VCP404425	---	---
Sample Date	02 Nov 2023	04 Mar 2023	---	---
Machine Hours	7188	3476	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	43.6	40.5	---	---
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CONTAMINATION

Silicon	ppm	18	24	---	---
Sodium	ppm	4	10	---	---
Potassium	ppm	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	255	349	---	---
Copper	ppm	0	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	5	8	---	---
Molybdenum	ppm	7	13	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	16	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3700	3899	---	---
Magnesium	ppm	27	16	---	---
Zinc	ppm	1514	1540	---	---
Phosphorus	ppm	1208	1204	---	---
Barium	ppm	0	0	---	---
Boron	ppm	124	118	---	---

Depot: VOLVO3387
Unique No: 10735636
Signed: Wes Davis
Report Date: 09 Nov 2023



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GRAPHS

