



CONSTRUCTION EQUIPMENT

VOLVO L110H 631284 - REAR AXLE



Sample No: VCP426065
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP426065	VCE180594	---	---
Sample Date	20 Nov 2023	05 Apr 2018	---	---
Machine Hours	5360	1920	---	---
Oil Hours	5360	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	46.3	41.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	15	---	---
Sodium	ppm	5	2	---	---
Potassium	ppm	3	1	---	---

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	73	480	---	---
Copper	ppm	33	1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	2	11	---	---
Molybdenum	ppm	3	13	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	14	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3633	3859	---	---
Magnesium	ppm	21	10	---	---
Zinc	ppm	1493	1342	---	---
Phosphorus	ppm	1243	1182	---	---
Barium	ppm	0	0	---	---
Boron	ppm	128	101	---	---

Depot: VOLVO0150
Unique No: 10754583
Signed: Wes Davis
Report Date: 26 Nov 2023



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GRAPHS

