



CONSTRUCTION EQUIPMENT

VOLVO L110H 631015 - REAR AXLE



Sample No: VCP452358
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP452358	VCP192984	---	---
Sample Date	16 Feb 2024	13 Mar 2017	---	---
Machine Hours	9098	1978	---	---
Oil Hours	0	1978	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	40.2	40.73	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	18	---	---
Sodium	ppm	<1	3	---	---
Potassium	ppm	0	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	266	586	---	---
Copper	ppm	1	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	11	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	9	---	---
Molybdenum	ppm	41	14	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	15	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3711	4162	---	---
Magnesium	ppm	18	14	---	---
Zinc	ppm	1614	1677	---	---
Phosphorus	ppm	1332	1293	---	---
Barium	ppm	0	0	---	---
Boron	ppm	119	118	---	---

Depot: VOLVO0093
Unique No: 10887351
Signed: Wes Davis
Report Date: 21 Feb 2024



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GRAPHS

