



CONSTRUCTION EQUIPMENT

660620 R BRO VOLVO L110H 632535 - REAR AXLE



Sample No: VCP437650
Oil Type: VOLVO WB 102
Job No: 660620 R BRO



SAMPLE INFORMATION

Sample Number	VCP437650	VCP434842	VCP417233	---
Sample Date	16 Jan 2024	31 Aug 2023	01 Aug 2023	---
Machine Hours	1889	1027	810	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	42.9	42.7	41.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	19	14	20	---
Sodium	ppm	2	<1	5	---
Potassium	ppm	0	0	2	---

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	83	41	137	---
Copper	ppm	<1	0	<1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	2	3	---
Chromium	ppm	2	1	4	---
Molybdenum	ppm	5	<1	14	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	2	9	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	3851	4122	4050	---
Magnesium	ppm	23	15	11	---
Zinc	ppm	1500	1654	1648	---
Phosphorus	ppm	1244	1309	1353	---
Barium	ppm	0	0	0	---
Boron	ppm	126	135	173	---

Depot: VOLVO0096
Unique No: 10845487
Signed: Wes Davis
Report Date: 24 Jan 2024



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GRAPHS

