



CONSTRUCTION EQUIPMENT

X18542 IAA VOLVO L90H 625476 - REAR AXLE



Sample No: VCP438304
Oil Type: VOLVO WB 102
Job No: X18542 IAA



SAMPLE INFORMATION

Sample Number	VCP438304	VCE080157	---	---
Sample Date	25 Apr 2024	07 Aug 2023	---	---
Machine Hours	3966	3022	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 JACKSON, MS
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OIL CONDITION

Visc @ 40°C	cSt	43.2	42.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	22	16	---	---
Sodium	ppm	3	7	---	---
Potassium	ppm	0	3	---	---

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	50	88	---	---
Copper	ppm	8	26	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	1	1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	1	3	---	---
Molybdenum	ppm	1	3	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	6	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	4430	4045	---	---
Magnesium	ppm	21	13	---	---
Zinc	ppm	1720	1630	---	---
Phosphorus	ppm	1326	1356	---	---
Barium	ppm	0	0	---	---
Boron	ppm	147	139	---	---

Depot: VOLVO8771
Unique No: 11004060
Signed: Wes Davis
Report Date: 30 Apr 2024



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GRAPHS

