



CONSTRUCTION EQUIPMENT

701268 IAA VOLVO L90H 625797 - REAR AXLE



Sample No: VCP446477
Oil Type: VOLVO WB 102
Job No: 701268 IAA



SAMPLE INFORMATION

Sample Number	VCP446477	VCP417244	---	---
Sample Date	09 Apr 2024	12 Jun 2023	---	---
Machine Hours	2257	2085	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.5	39.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	14	---	---
Sodium	ppm	<1	11	---	---
Potassium	ppm	2	<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	52	64	---	---
Copper	ppm	3	21	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	8	3	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	8	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3692	4142	---	---
Magnesium	ppm	35	15	---	---
Zinc	ppm	1543	1677	---	---
Phosphorus	ppm	1323	1349	---	---
Barium	ppm	1	0	---	---
Boron	ppm	166	129	---	---

Depot: VOLVO0093
Unique No: 10983566
Signed: Wes Davis
Report Date: 19 Apr 2024



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GRAPHS

