



CONSTRUCTION EQUIPMENT

19472 VOLVO L90H 626410 - REAR AXLE



Sample No: VCP422254
Oil Type: VOLVO WB 102
Job No: 19472



SAMPLE INFORMATION

Sample Number	VCP422254	VCP411457	---	---
Sample Date	14 Aug 2023	27 Feb 2023	---	---
Machine Hours	1757	961	---	---
Oil Hours	796	961	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

IAA - INSURANCE AUTO AUCTIONS - CLAYTON
 60 SADISCO RD
 CLAYTON, NC
 US 27520
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	42.4	40.1	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	22	25	---	---
Sodium	ppm	0	8	---	---
Potassium	ppm	2	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	38	28	---	---
Copper	ppm	49	26	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	5	2	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4128	3971	---	---
Magnesium	ppm	12	9	---	---
Zinc	ppm	1657	1634	---	---
Phosphorus	ppm	1343	1361	---	---
Barium	ppm	0	0	---	---
Boron	ppm	154	128	---	---

Depot: INSCLA
Unique No: 10617017
Signed: Wes Davis
Report Date: 24 Aug 2023



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GRAPHS

