



CONSTRUCTION EQUIPMENT

S50402451 VOLVO L90H 625727 - REAR AXLE



Sample No: VCP430625
Oil Type: VOLVO AT 102
Job No: S50402451



SAMPLE INFORMATION

Sample Number	VCP430625	VCP405419	---	---
Sample Date	10 Jan 2024	09 Feb 2023	---	---
Machine Hours	6000	4059	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

IAA - INSURANCE AUTO AUCTIONS - WESTCHESTER VC
2 WESTBROOK CORPORATE CENTER STE. 5
WESTCHESTER, IL
US 60154
Contact: BILLY BUTLER



OIL CONDITION

Visc @ 40°C	cSt	48.1	46.3	---	---
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T: (404)275-6868
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	12	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	2	1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	55	33	---	---
Copper	ppm	<1	5	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3984	3880	---	---
Magnesium	ppm	13	14	---	---
Zinc	ppm	1612	1576	---	---
Phosphorus	ppm	1422	1235	---	---
Barium	ppm	7	0	---	---
Boron	ppm	137	123	---	---

Depot: INSWES
Unique No: 10859948
Signed: Don Baldrige
Report Date: 04 Feb 2024



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GRAPHS

