



CONSTRUCTION EQUIPMENT

5 VOLVO L110H 631239 - FRONT AXLE



Sample No: VCP438540
Oil Type: VOLVO WB 102
Job No: 5



SAMPLE INFORMATION

Sample Number	VCP438540	VCP420152	VCP390707	VCP342826
Sample Date	04 Jul 2024	22 Jun 2023	25 Oct 2022	18 Nov 2021
Machine Hours	10281	9176	8302	7089
Oil Hours	0	0	2000	1500
Oil Changed	N/A	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.7	41.5	41.7	41.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	13	14	14
Sodium	ppm	4	1	9	9
Potassium	ppm	0	0	0	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	71	26	55	112
Copper	ppm	<1	0	<1	2
Lead	ppm	0	0	<1	2
Tin	ppm	0	0	0	2
Aluminum	ppm	1	1	1	<1
Chromium	ppm	<1	<1	<1	4
Molybdenum	ppm	<1	<1	<1	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	1	0	<1	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3015	3314	3824	3689
Magnesium	ppm	13	11	16	12
Zinc	ppm	938	1484	1450	1420
Phosphorus	ppm	1142	1207	1193	1227
Barium	ppm	0	0	0	0
Boron	ppm	11	34	141	125

Depot: RIPTAM
Unique No: 11117045
Signed: Don Baldrige
Report Date: 13 Jul 2024



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VOLVO GRAPHS

