



CONSTRUCTION EQUIPMENT

700575 VOLVO L110H 631298 - FRONT AXLE



Sample No: VCP437951
Oil Type: VOLVO WB 102
Job No: 700575



SAMPLE INFORMATION

Sample Number	VCP437951	VCP396881	VCP399559	VCP375845
Sample Date	04 Apr 2024	18 Jul 2023	16 Dec 2022	02 Jun 2022
Machine Hours	8536	8405	7287	6331
Oil Hours	2000	2000	1000	2000
Oil Changed	Changed	Changed	Not Changd	Changed
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	43.2	41.3	42.6	40.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	21	16	12	14
Sodium	ppm	2	3	2	10
Potassium	ppm	0	2	1	0

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	139	51	32	73
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	2	0	1
Chromium	ppm	2	1	<1	2
Molybdenum	ppm	0	2	1	7
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4114	3840	3932	3782
Magnesium	ppm	20	17	16	29
Zinc	ppm	1595	1547	1538	1479
Phosphorus	ppm	1329	1279	1238	1226
Barium	ppm	0	1	1	0
Boron	ppm	160	153	120	134

Depot: RIPTAM
Unique No: 11031763
Signed: Wes Davis
Report Date: 16 May 2024



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VOLVO GRAPHS

