



CONSTRUCTION EQUIPMENT

VOLVO L110H 631237 - REAR AXLE



Sample No: VCP426222
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP426222	VCP388142	VCP350111	VCP305567
Sample Date	06 Sep 2023	02 Nov 2022	03 Mar 2022	25 Jan 2021
Machine Hours	9867	8131	7211	6064
Oil Hours	0	2000	1600	2000
Oil Changed	Not Chngd	Changed	Not Chngd	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	41.1	41.7	41.8	41.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	13	12	18
Sodium	ppm	2	9	8	3
Potassium	ppm	<1	0	0	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	59	80	36	116
Copper	ppm	<1	2	<1	<1
Lead	ppm	<1	<1	<1	1
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	1	1	2
Chromium	ppm	<1	1	<1	2
Molybdenum	ppm	0	2	2	4
Nickel	ppm	0	0	0	2
Titanium	ppm	0	0	0	1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3241	3625	4061	4674
Magnesium	ppm	14	20	24	38
Zinc	ppm	1421	1404	1547	1842
Phosphorus	ppm	1187	1164	1297	1473
Barium	ppm	0	0	0	0
Boron	ppm	17	134	136	128

Depot: RIPTAM
Unique No: 10683757
Signed: Wes Davis
Report Date: 09 Oct 2023



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VOLVO GRAPHS

