



CONSTRUCTION EQUIPMENT

VOLVO L110H 631237 - REAR AXLE



Sample No: VCP444750
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP444750	VCP426222	VCP388142	VCP350111
Sample Date	22 Apr 2024	06 Sep 2023	02 Nov 2022	03 Mar 2022
Machine Hours	10448	9867	8131	7211
Oil Hours	0	0	2000	1600
Oil Changed	Changed	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	40.9	41.1	41.7	41.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	11	13	12
Sodium	ppm	2	2	9	8
Potassium	ppm	1	<1	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	35	59	80	36
Copper	ppm	0	<1	2	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	<1	<1	0	0
Aluminum	ppm	<1	1	1	1
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	<1	0	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3382	3241	3625	4061
Magnesium	ppm	12	14	20	24
Zinc	ppm	1456	1421	1404	1547
Phosphorus	ppm	1229	1187	1164	1297
Barium	ppm	0	0	0	0
Boron	ppm	17	17	134	136

Depot: RIPTAM
Unique No: 11057889
Signed: Wes Davis
Report Date: 31 May 2024



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VOLVO GRAPHS

