



CONSTRUCTION EQUIPMENT

VOLVO L110H 631226 - REAR AXLE



Sample No: VCP449951
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP449951	VCP411352	VCP274712	VCP248190
Sample Date	20 May 2024	11 Apr 2023	13 Jul 2020	18 Jun 2019
Machine Hours	13441	11460	5614	3949
Oil Hours	2000	2000	0	0
Oil Changed	Changed	Changed	Changed	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	41.8	41.6	39.8	40.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	10	8	13
Sodium	ppm	12	9	2	5
Potassium	ppm	0	0	6	<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	57	22	36	252
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	2
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	<1	<1	<1	6
Molybdenum	ppm	2	2	5	3
Nickel	ppm	0	0	<1	1
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	1	8
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4034	3537	3845	3829
Magnesium	ppm	24	20	19	12
Zinc	ppm	1584	1586	1583	1492
Phosphorus	ppm	1297	1318	1296	1231
Barium	ppm	0	0	0	0
Boron	ppm	128	131	119	109

Depot: RIPTAM
Unique No: 11087953
Signed: Wes Davis
Report Date: 20 Jun 2024



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VOLVO GRAPHS

