



CONSTRUCTION EQUIPMENT

567921 VOLVO L110H 631322 - REAR AXLE



Sample No: VCP396887
Oil Type: VOLVO WB 102
Job No: 567921



SAMPLE INFORMATION

Sample Number	VCP396887	VCP385863	VCP357449	VCP326790
Sample Date	01 Aug 2023	30 Sep 2022	25 Mar 2022	03 Sep 2021
Machine Hours	9947	8782	7920	0
Oil Hours	2000	2000	2000	1500
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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F:



OIL CONDITION

Visc @ 40°C	cSt	43.2	40.0	40.0	40.6
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CONTAMINATION

Silicon	ppm	12	13	13	13
Sodium	ppm	0	4	7	8
Potassium	ppm	<1	2	0	0



WEAR METALS

Iron	ppm	18	125	109	116
Copper	ppm	<1	3	3	2
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	1	1	2
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	7	2	3	2
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	3	3	3
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3948	4063	4076	4052
Magnesium	ppm	32	17	24	19
Zinc	ppm	1577	1654	1654	1643
Phosphorus	ppm	1287	1317	1381	1324
Barium	ppm	1	1	0	0
Boron	ppm	154	128	123	141

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.

Depot: RIPTAM
Unique No: 10602494
Signed: Wes Davis
Report Date: 13 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

