



CONSTRUCTION EQUIPMENT

567901 VOLVO L110H 632273 - FRONT AXLE



Sample No: VCP407842
Oil Type: VOLVO WB 102
Job No: 567901



SAMPLE INFORMATION

Sample Number	VCP407842	VCP393818	VCP386239	---
Sample Date	28 Jun 2023	20 Jun 2023	29 Nov 2022	---
Machine Hours	2095	2490	1001	---
Oil Hours	2095	1490	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
 rturner@ripatampa.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	40.7	41.4	40.4	---
-------------	-----	-------------	------	------	-----

CONTAMINATION

Silicon	ppm	20	16	18	---
Sodium	ppm	10	4	11	---
Potassium	ppm	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	442	169	314	---
Copper	ppm	1	<1	1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	10	4	8	---
Molybdenum	ppm	11	4	11	---
Nickel	ppm	1	<1	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	14	8	12	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	4010	3458	4193	---
Magnesium	ppm	12	10	13	---
Zinc	ppm	1717	1527	1600	---
Phosphorus	ppm	1375	1256	1315	---
Barium	ppm	0	0	0	---
Boron	ppm	145	35	143	---

Depot: RIPTAM
Unique No: 10574673
Signed: Wes Davis
Report Date: 27 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

