



CONSTRUCTION EQUIPMENT

566012 VOLVO L110H 632273 - FRONT AXLE



Sample No: VCP393818
Oil Type: VOLVO WB 102
Job No: 566012



SAMPLE INFORMATION

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

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com

OIL CONDITION

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

T:
F:

CONTAMINATION

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

ADDITIVES

Calcium	ppm	3458	4193	---	---
Magnesium	ppm	10	13	---	---
Zinc	ppm	1527	1600	---	---
Phosphorus	ppm	1256	1315	---	---
Barium	ppm	0	0	---	---
Boron	ppm	35	143	---	---

Depot: RIPTAM
Unique No: 10551203
Signed: Wes Davis
Report Date: 12 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

