



CONSTRUCTION EQUIPMENT

578918 VOLVO L110H 631271 - FRONT AXLE



Sample No: VCP411556
Oil Type: VOLVO WB 102
Job No: 578918



SAMPLE INFORMATION

Sample Number	VCP411556	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	2251	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES

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

OIL CONDITION

Visc @ 40°C	cSt	█ 40.5	---	---	---
-------------	-----	--------	-----	-----	-----

CONTAMINATION

Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 121	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 3505	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 1488	---	---	---
Phosphorus	ppm	█ 1239	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	46	---	---	---

Depot: RIPTAM
Unique No: 10602492
Signed: Wes Davis
Report Date: 13 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

