



CONSTRUCTION EQUIPMENT

S50601222 VOLVO L120H 632129 - FRONT AXLE



Sample No: VCP403618
Oil Type: VOLVO WB 102
Job No: S50601222



SHAW ENVIRONMENTAL - APTIM GOVT SOLUTIONS
16406 US 224 EAST
FINDLAY, OH
US 45840
Contact: TODD HICKS
todd.hicks@shawgrp.com
T: (419)425-6248
F:



SAMPLE INFORMATION

Sample Number	VCP403618	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	3800	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 37.7	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 94	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 3467	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 1436	---	---	---
Phosphorus	ppm	■ 1331	---	---	---
Barium	ppm	■ 21	---	---	---
Boron	ppm	■ 38	---	---	---

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: SHAFINOH
Unique No: 10722181
Signed: Sean Felton
Report Date: 01 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

