



CONSTRUCTION EQUIPMENT

225089 JMK VOLVO L90H 625422 - FRONT AXLE



Sample No: VCP424214
Oil Type: VOLVO WB 102
Job No: 225089 JMK



SAMPLE INFORMATION

Sample Number	VCP424214	VCP239031	---	---
Sample Date	14 Aug 2023	04 May 2020	---	---
Machine Hours	11125	50	---	---
Oil Hours	0	50	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

PACWEST MACHINERY

8207 SOUTH 216TH STREET

KENT, WA

US 98032

Contact: DAN SLAGLE

dslagle@pacwestmachinery.com

T: (206)482-4179

F: (509)534-5286



OIL CONDITION

Visc @ 40°C	cSt	39.2	40.1	---	---
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CONTAMINATION

Silicon	ppm	14	18	---	---
Sodium	ppm	11	11	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	229	26	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	6	3	---	---
Molybdenum	ppm	15	10	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	14	9	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3789	4766	---	---
Magnesium	ppm	16	16	---	---
Zinc	ppm	1544	1909	---	---
Phosphorus	ppm	1278	1551	---	---
Barium	ppm	0	0	---	---
Boron	ppm	144	142	---	---

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: VOLVO1271

Unique No: 10619188

Signed: Wes Davis

Report Date: 25 Aug 2023



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GRAPHS

