



CONSTRUCTION EQUIPMENT

5730 SIMS VOLVO L70G 623339 - REAR AXLE



Sample No: VCP424174
Oil Type: VOLVO WB 102
Job No: 5730 SIMS



SAMPLE INFORMATION

Sample Number	VCP424174	VCP375062	---	---
Sample Date	30 Sep 2023	24 Sep 2022	---	---
Machine Hours	8729	7133	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826
 Contact: KRYSTAL GOODCHILD
 krystal.goodchild@vcesvolvo.com
 T: (916)388-2244
 F: (916)388-9944

OIL CONDITION

Visc @ 40°C	cSt	41.9	39.3	---	---
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CONTAMINATION

Silicon	ppm	14	15	---	---
Sodium	ppm	1	8	---	---
Potassium	ppm	0	2	---	---

WEAR METALS

Iron	ppm	24	66	---	---
Copper	ppm	7	30	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	3	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3807	4265	---	---
Magnesium	ppm	21	13	---	---
Zinc	ppm	1577	1785	---	---
Phosphorus	ppm	1281	1519	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	124	143	---	---

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: VOLVO4485
Unique No: 10699880
Signed: Wes Davis
Report Date: 19 Oct 2023



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GRAPHS

