



CONSTRUCTION EQUIPMENT

947 VOLVO A45G 342 190 - REAR LEFT FINAL DRIVE



Sample No: VCP438065

Oil Type: {unknown}

Job No: 947



SAMPLE INFORMATION

Sample Number	VCP438065	VCP439268	---	---
Sample Date	06 Jun 2024	06 Jun 2024	---	---
Machine Hours	7326	7326	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

12345 MAPLEVIEW STREET
LAKESIDE, CA
US 92040

Contact: Mark Stewart
mark.stewart@vcesvolvo.com

T: X:

F: X:



OIL CONDITION

Visc @ 40°C	cSt	40.8	41.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	15	---	---
Sodium	ppm	5	5	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	41	84	---	---
Copper	ppm	234	231	---	---
Lead	ppm	1	2	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	2	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	2974	3269	---	---
Magnesium	ppm	12	18	---	---
Zinc	ppm	1320	1370	---	---
Phosphorus	ppm	1228	1219	---	---
Barium	ppm	0	0	---	---
Boron	ppm	111	125	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other 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: VOLVO4488

Unique No: 11074669

Signed: Angela Borella

Report Date: 13 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

