



CONSTRUCTION EQUIPMENT

941 VOLVO A45G 342 190 - FRONT LEFT FINAL DRIVE



Sample No: VCP439267

Oil Type: {unknown}

Job No: 941



SAMPLE INFORMATION

Sample Number	VCP439267	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	7326	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	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	█ 41.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 77	---	---	---
Copper	ppm	▲ 232	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3478	---	---	---
Magnesium	ppm	30	---	---	---
Zinc	ppm	1427	---	---	---
Phosphorus	ppm	1255	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	137	---	---	---

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: 11074666
Signed: Angela Borella
Report Date: 13 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

