



CONSTRUCTION EQUIPMENT

947 VOLVO A45G 342 190 - FRONT AXLE



Sample No: VCP439266
Oil Type: {unknown}
Job No: 947



SAMPLE INFORMATION

Sample Number	VCP439266	VCP227317	---	---
Sample Date	06 Jun 2024	20 Dec 2019	---	---
Machine Hours	7326	3288	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	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	█ 320	53.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ <1	█ 2	---	---
Potassium	ppm	█ 4	█ 0	---	---



WEAR METALS

Iron	ppm	█ 136	█ 128	---	---
Copper	ppm	█ <1	█ <1	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 2	█ 2	---	---
Molybdenum	ppm	2	0	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	4	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	19	345	---	---
Magnesium	ppm	4	1	---	---
Zinc	ppm	19	141	---	---
Phosphorus	ppm	680	2149	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	17	215	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is suitable for further service.

Depot: VOLVO4488
Unique No: 11074671
Signed: Sean Felton
Report Date: 13 Jun 2024



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GRAPHS

