



CONSTRUCTION EQUIPMENT

STANLEY CONSTRUCTION VOLVO A45G 342672 - BOGIE/CENTER AXLE



Sample No: VCP390512
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: STANLEY CONSTRUCTION



SAMPLE INFORMATION

Sample Number	VCP390512	VCP391457	---	---
Sample Date	04 Apr 2024	10 Nov 2022	---	---
Machine Hours	6431	4380	---	---
Oil Hours	431	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFF
 KRATLIFF@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	51.7	147	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	20	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. No abnormal wear or visible metal detected. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	108	446	---	---
Copper	ppm	4	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	<1	5	---	---
Molybdenum	ppm	<1	27	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	92	781	---	---
Magnesium	ppm	10	219	---	---
Zinc	ppm	43	449	---	---
Phosphorus	ppm	2503	840	---	---
Barium	ppm	0	6	---	---
Boron	ppm	225	99	---	---

Depot: VOLVO8882
Unique No: 10980787
Signed: Don Baldrige
Report Date: 18 Apr 2024



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GRAPHS

