



CONSTRUCTION EQUIPMENT

9054 STANLEY VOLVO A35G 340244 - WET DISC BRAKE



Sample No: VCP408855
Oil Type: VOLVO WB 102
Job No: 9054 STANLEY



SAMPLE INFORMATION

Sample Number	VCP408855	VCP245642	---	---
Sample Date	14 Jun 2023	10 Dec 2019	---	---
Machine Hours	8088	3979	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	39.9	40.4	---	---
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CONTAMINATION

Silicon	ppm	11	18	---	---
Sodium	ppm	4	7	---	---
Potassium	ppm	0	2	---	---



WEAR METALS

Iron	ppm	33	47	---	---
Copper	ppm	253	290	---	---
Lead	ppm	3	<1	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	4	5	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	2914	3662	---	---
Magnesium	ppm	9	10	---	---
Zinc	ppm	1200	1423	---	---
Phosphorus	ppm	1240	1289	---	---
Barium	ppm	0	0	---	---
Boron	ppm	80	101	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. 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: VOLVO8882
Unique No: 10522285
Signed: Jonathan Hester
Report Date: 21 Jun 2023



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GRAPHS

