



CONSTRUCTION EQUIPMENT

W0701141-1 STANLEY VOLVO A45G 342393 - DROP BOX



Sample No: VCP401345
Oil Type: GEAR OIL SAE 75W80
Job No: W0701141-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP401345	VCP401325	VCP354346	---
Sample Date	13 Jan 2023	13 Jan 2023	22 Jun 2022	---
Machine Hours	5894	6044	5168	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	SEVERE	NORMAL	NORMAL	---

McClung-Logan Virginia LLC- 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	52.7	55.0	55.7	---
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CONTAMINATION

Silicon	ppm	45	4	4	---
Sodium	ppm	5	3	2	---
Potassium	ppm	14	2	0	---



WEAR METALS

Iron	ppm	1202	77	93	---
Copper	ppm	4	<1	2	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	17	10	8	---
Chromium	ppm	11	1	1	---
Molybdenum	ppm	21	2	2	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	12	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	83	80	75	---
Magnesium	ppm	17	3	2	---
Zinc	ppm	135	72	73	---
Phosphorus	ppm	2055	2190	2209	---
Barium	ppm	5	0	0	---
Boron	ppm	150	161	228	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO8882
Unique No: 10300079
Signed: Jonathan Hester
Report Date: 24 Jan 2023



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GRAPHS

