



CONSTRUCTION EQUIPMENT

W07012289-1 VOLVO A40G 341458 - FRONT AXLE



Sample No: VCP399850
Oil Type: GEAR OIL SAE 85W90
Job No: W07012289-1



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



SAMPLE INFORMATION

Sample Number	VCP399850	VCP250401	VCP191643	---
Sample Date	23 Feb 2023	26 Jun 2019	12 Jul 2017	---
Machine Hours	6947	3981	1042	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	64.8	51.76	51.67	---
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CONTAMINATION

Silicon	ppm	2	<1	0	---
Sodium	ppm	<1	<1	2	---
Potassium	ppm	0	<1	<1	---



WEAR METALS

Iron	ppm	53	84	271	---
Copper	ppm	<1	<1	3	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	1	0	0	---
Chromium	ppm	<1	1	4	---
Molybdenum	ppm	2	<1	3	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	1	3	11	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	36	8	12	---
Magnesium	ppm	16	<1	0	---
Zinc	ppm	36	10	6	---
Phosphorus	ppm	1562	2341	2372	---
Barium	ppm	<1	0	0	---
Boron	ppm	178	226	259	---

Diagnosis

Resample at the next service interval to monitor. All 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: 10351070
Signed: Angela Borella
Report Date: 27 Feb 2023



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GRAPHS

