



CONSTRUCTION EQUIPMENT

19768 LANE-BLYTHE VOLVO A45G 352253 - FRONT AXLE



Sample No: VCP443143
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 19768 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP443143	VCP415682	VCP387532	---
Sample Date	06 Oct 2023	06 Jun 2023	24 Aug 2022	---
Machine Hours	5191	4749	3927	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
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 US 27834
 Contact: BRANDON JENKINS
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 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	54.2	53.8	261	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	141	75	83	---
Copper	ppm	3	<1	2	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	1	---
Aluminum	ppm	2	0	2	---
Chromium	ppm	1	<1	1	---
Molybdenum	ppm	2	1	8	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	6	---
Manganese	ppm	2	2	3	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	67	36	82	---
Magnesium	ppm	17	14	23	---
Zinc	ppm	29	15	37	---
Phosphorus	ppm	2322	2459	327	---
Barium	ppm	<1	0	0	---
Boron	ppm	273	311	17	---

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: VOLVO8769
Unique No: 10702491
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

