



CONSTRUCTION EQUIPMENT

19767 LANE-BLYTHE VOLVO A45GFS 352243 - BOGIE/CENTER AXLE



Sample No: VCP441397
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 19767 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP441397	VCP417597	---	---
Sample Date	03 Oct 2023	07 Jun 2023	---	---
Machine Hours	3965	3003	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
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 GREENVILLE, NC
 US 27834
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	51.3	50.7	---	---
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CONTAMINATION

Silicon	ppm	5	3	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	3	<1	---	---

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.



WEAR METALS

Iron	ppm	452	238	---	---
Copper	ppm	10	6	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	6	3	---	---
Molybdenum	ppm	6	4	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	14	10	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	31	21	---	---
Magnesium	ppm	3	<1	---	---
Zinc	ppm	26	18	---	---
Phosphorus	ppm	2307	2564	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	153	230	---	---

Depot: VOLVO8769
Unique No: 10702449
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

