



CONSTRUCTION EQUIPMENT

19767 LANE-BLYTHE VOLVO A45GFS 352243 - WET DISC BRAKE



Sample No: VCP440872
Oil Type: VOLVO WB 102
Job No: 19767 LANE-BLYTHE



SAMPLE INFORMATION

Sample Number	VCP440872	VCP417572	---	---
Sample Date	03 Oct 2023	07 Jun 2023	---	---
Machine Hours	3965	3003	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
2002 N GREENE ST
GREENVILLE, NC
US 27834
Contact: BRANDON JENKINS
BRANDON.JENKINS@ASCENDUMMACHINERY.COM
T:
F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	█ 40.7	█ 40.8	---	---
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CONTAMINATION

Silicon	ppm	█ 18	█ 16	---	---
Sodium	ppm	█ 5	█ 10	---	---
Potassium	ppm	█ 3	█ 0	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition. The copper level is abnormal. 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	█ 23	█ 16	---	---
Copper	ppm	▲ 330	▲ 281	---	---
Lead	ppm	█ <1	█ 3	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 2	█ 0	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 7	█ 6	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	█ 3605	█ 3647	---	---
Magnesium	ppm	█ 13	█ 10	---	---
Zinc	ppm	█ 1547	█ 1533	---	---
Phosphorus	ppm	█ 1312	█ 1289	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 106	█ 124	---	---

Depot: VOLVO8769
Unique No: 10702487
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

