



CONSTRUCTION EQUIPMENT

19768 LANE BLYTHE VOLVO A45G 352253 - WET DISC BRAKE



Sample No: VCP443139
Oil Type: VOLVO WB 102
Job No: 19768 LANE BLYTHE



SAMPLE INFORMATION

Sample Number	VCP443139	VCP417564	VCP387524	---
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	ABNORMAL	ABNORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	40.8	44.6	39.4	---
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CONTAMINATION

Silicon	ppm	21	19	20	---
Sodium	ppm	4	8	8	---
Potassium	ppm	3	0	0	---



WEAR METALS

Iron	ppm	20	19	17	---
Copper	ppm	265	231	301	---
Lead	ppm	0	2	3	---
Tin	ppm	0	<1	1	---
Aluminum	ppm	2	<1	3	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	6	6	8	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	1	1	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	3622	3616	3439	---
Magnesium	ppm	9	9	9	---
Zinc	ppm	1557	1518	1466	---
Phosphorus	ppm	1312	1287	1207	---
Barium	ppm	<1	0	0	---
Boron	ppm	109	125	130	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8769
Unique No: 10702430
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

