



CONSTRUCTION EQUIPMENT

634625 B&C VOLVO A30 753224 - WET DISC BRAKE



Sample No: VCP440282
Oil Type: VOLVO WB 102
Job No: 634625 B&C



SAMPLE INFORMATION

Sample Number	VCP440282	VCP422374	---	---
Sample Date	28 Nov 2023	01 Jun 2023	---	---
Machine Hours	1304	514	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 44.8	█ 44.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 14	█ 13	---	---
Sodium	ppm	█ 2	█ 4	---	---
Potassium	ppm	█ <1	█ 3	---	---

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	█ 5	█ 4	---	---
Copper	ppm	█ 41	█ 68	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 3849	█ 4096	---	---
Magnesium	ppm	█ 13	█ 13	---	---
Zinc	ppm	█ 1605	█ 1585	---	---
Phosphorus	ppm	█ 1256	█ 1267	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 123	█ 125	---	---

Depot: VOLVO0096
Unique No: 10766338
Signed: Don Baldrige
Report Date: 04 Dec 2023



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GRAPHS

