



CONSTRUCTION EQUIPMENT

715086 ALTA RENTS VOLVO A25G 752923 - WET DISC BRAKE



Sample No: VCP449665
Oil Type: VOLVO WB 102
Job No: 715086 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP449665	VCP437962	---	---
Sample Date	06 May 2024	29 Jan 2024	---	---
Machine Hours	1106	574	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	43.5	44.1	---	---
Acid Number (AN)	mg KOH/g	---	0.89	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		---	▲ 24503	---	---
Particles >6µm		---	▲ 6178	---	---
Particles >14µm		---	▲ 296	---	---
ISO 4406:1999 (c)		---	22/20/15	---	---
Silicon	ppm	15	15	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	4	5	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	4	2	---	---
Copper	ppm	128	73	---	---
Lead	ppm	3	2	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4240	3877	---	---
Magnesium	ppm	8	10	---	---
Zinc	ppm	1765	1644	---	---
Phosphorus	ppm	1425	1351	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	131	120	---	---

Depot: VOLVO0096
Unique No: 11020274
Signed: Angela Borella
Report Date: 13 May 2024



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VOLVO GRAPHS

