



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - WET DISC BRAKE



Sample No: VCP445623
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP445623	VCP437591	VCP434370	VCP412161
Sample Date	22 Apr 2024	26 Feb 2024	08 Nov 2023	28 Aug 2023
Machine Hours	6403	6109	5775	5525
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

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 5151 DR MARTIN LUTHER KING BLVD
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OIL CONDITION

Visc @ 40°C	cSt	44.4	44.5	45.3	46.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	7	15	21
Sodium	ppm	2	2	4	2
Potassium	ppm	0	0	0	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	17	16	16	21
Copper	ppm	8	7	▲ 429	▲ 487
Lead	ppm	3	3	6	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	2
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	1	<1	0	<1
Nickel	ppm	0	0	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	141	81	3009	3341
Magnesium	ppm	4	2	11	11
Zinc	ppm	431	410	1172	1280
Phosphorus	ppm	355	361	1082	1186
Barium	ppm	0	0	0	2
Boron	ppm	0	<1	94	128

Depot: VOLVO0090
Unique No: 11005557
Signed: Jonathan Hester
Report Date: 03 May 2024



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VOLVO GRAPHS

