



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - WET DISC BRAKE



Sample No: VCP437591
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP437591	VCP434370	VCP412161	VCP344738
Sample Date	26 Feb 2024	08 Nov 2023	28 Aug 2023	25 Oct 2021
Machine Hours	6109	5775	5525	3871
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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 5151 DR MARTIN LUTHER KING BLVD
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OIL CONDITION

Visc @ 40°C	cSt	44.5	45.3	46.7	49.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	15	21	17
Sodium	ppm	2	4	2	5
Potassium	ppm	0	0	1	<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	16	16	21	19
Copper	ppm	7	429	487	533
Lead	ppm	3	6	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	2	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	<1	1	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	0	1	2	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	81	3009	3341	3164
Magnesium	ppm	2	11	11	8
Zinc	ppm	410	1172	1280	1216
Phosphorus	ppm	361	1082	1186	1028
Barium	ppm	0	0	2	0
Boron	ppm	<1	94	128	97

Depot: VOLVO0090
Unique No: 10903734
Signed: Don Baldrige
Report Date: 04 Mar 2024



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VOLVO GRAPHS

