



CONSTRUCTION EQUIPMENT

579943 TUCKER PAVING VOLVO A25G 742081 - BRAKE COOLING SYSTEM



Sample No: VCP424530
Oil Type: VOLVO WB 102
Job No: 579943 TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP424530	VCP390656	VCP357391	VCP315758
Sample Date	14 Jul 2023	24 Oct 2022	21 Apr 2022	09 Jul 2021
Machine Hours	7964	7007	6063	5033
Oil Hours	4000	500	2000	1000
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	51.9	44.2	44.5	44.2
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CONTAMINATION

Silicon	ppm	12	5	5	6
Sodium	ppm	4	3	1	5
Potassium	ppm	0	0	1	<1



WEAR METALS

Iron	ppm	70	12	10	9
Copper	ppm	220	7	7	154
Lead	ppm	2	2	3	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	3	3	<1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	4	<1	1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	0	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3382	263	278	3238
Magnesium	ppm	10	8	8	9
Zinc	ppm	1379	469	513	1368
Phosphorus	ppm	1183	398	395	1111
Barium	ppm	0	0	0	0
Boron	ppm	113	5	4	103

Diagnosis

The fluid 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 iron level is abnormal. The copper level is abnormal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10572458
Signed: Don Baldrige
Report Date: 26 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

