



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO L110H 631215 - REAR AXLE



Sample No: VCP454995
Oil Type: VOLVO WB 102
Job No: TUCKER PAVING



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP454995	VCP431762	VCP402504	VCP374622
Sample Date	23 May 2024	03 Nov 2023	07 Mar 2023	10 Jun 2022
Machine Hours	13545	12508	11469	10090
Oil Hours	0	2000	1000	1500
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	54.5	43.2	44.1	42.6
-------------	-----	-------------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	19	21	14
Sodium	ppm	0	4	3	10
Potassium	ppm	2	0	2	0



WEAR METALS

Iron	ppm	13	48	50	25
Copper	ppm	1	<1	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	<1	1
Aluminum	ppm	<1	1	1	1
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	9	10	11	2
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	1	1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	3213	3696	4133	3951
Magnesium	ppm	43	36	46	24
Zinc	ppm	1335	1467	1680	1566
Phosphorus	ppm	1193	1229	1290	1251
Barium	ppm	0	0	0	0
Boron	ppm	153	132	130	162

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.

Depot: VOLVO0093
Unique No: 11049309
Signed: Wes Davis
Report Date: 30 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

