



CONSTRUCTION EQUIPMENT

633392 TUCKER VOLVO L110H 631215 - REAR AXLE



Sample No: VCP431762
Oil Type: VOLVO WB 102
Job No: 633392 TUCKER



SAMPLE INFORMATION

Sample Number	VCP431762	VCP402504	VCP374622	VCP344384
Sample Date	03 Nov 2023	07 Mar 2023	10 Jun 2022	17 Nov 2021
Machine Hours	12508	11469	10090	9133
Oil Hours	2000	1000	1500	1500
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.2	44.1	42.6	45.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	21	14	17
Sodium	ppm	4	3	10	11
Potassium	ppm	0	2	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	48	50	25	16
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	<1	2
Tin	ppm	<1	<1	1	2
Aluminum	ppm	1	1	1	3
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	10	11	2	2
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3696	4133	3951	3596
Magnesium	ppm	36	46	24	27
Zinc	ppm	1467	1680	1566	1442
Phosphorus	ppm	1229	1290	1251	1211
Barium	ppm	0	0	0	0
Boron	ppm	132	130	162	130

Depot: VOLVO0093
Unique No: 10765253
Signed: Wes Davis
Report Date: 30 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

