



CONSTRUCTION EQUIPMENT

658790 BULK VOLVO L150H 6770 - REAR AXLE



Sample No: VCP437677
Oil Type: VOLVO WB 102
Job No: 658790 BULK



SAMPLE INFORMATION

Sample Number	VCP437677	VCP425721	VCP389638	VCP363295
Sample Date	03 Jan 2024	04 May 2023	20 Oct 2022	25 Apr 2022
Machine Hours	11384	10350	8661	6636
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.8	42.7	44.1	43.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	14	8	9
Sodium	ppm	0	1	2	4
Potassium	ppm	2	0	0	2

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	139	109	131	110
Copper	ppm	1	0	2	2
Lead	ppm	<1	0	0	2
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	5	0	1
Chromium	ppm	2	<1	2	2
Molybdenum	ppm	20	19	9	16
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	<1	2	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3830	3674	1225	2110
Magnesium	ppm	27	78	17	34
Zinc	ppm	1441	1459	741	945
Phosphorus	ppm	1178	1222	549	828
Barium	ppm	7	0	0	0
Boron	ppm	130	114	29	68

Depot: VOLVO0096
Unique No: 10820303
Signed: Wes Davis
Report Date: 09 Jan 2024



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VOLVO GRAPHS

