



CONSTRUCTION EQUIPMENT

SW1022819 MGC VOLVO L110H 631286 - REAR AXLE



Sample No: VCP414449
Oil Type: VOLVO WB 102
Job No: SW1022819 MGC



SAMPLE INFORMATION

Sample Number	VCP414449	VCP346207	VCP308567	VCP267097
Sample Date	24 Aug 2023	18 May 2022	16 Apr 2021	07 Apr 2020
Machine Hours	4459	3940	3421	2937
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	40.2	40.3	40.2	40.2
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CONTAMINATION

Silicon	ppm	13	11	9	13
Sodium	ppm	4	6	7	6
Potassium	ppm	1	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	50	29	22	47
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	1	<1	0	<1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	<1	<1	<1	1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3969	4165	4075	4578
Magnesium	ppm	16	20	22	14
Zinc	ppm	1569	1692	1558	1722
Phosphorus	ppm	1263	1385	1306	1405
Barium	ppm	0	0	0	0
Boron	ppm	137	130	136	118

Depot: VOLVO6174
Unique No: 10631008
Signed: Wes Davis
Report Date: 01 Sep 2023



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VOLVO GRAPHS

