



CONSTRUCTION EQUIPMENT

225927 WM VOLVO L220G 12593 - REAR AXLE



Sample No: VCP434526
Oil Type: VOLVO WB 102
Job No: 225927 WM



SAMPLE INFORMATION

Sample Number	VCP434526	VCP403266	VCP426756	VCP239099
Sample Date	12 Apr 2024	07 Nov 2023	12 Jul 2023	17 Aug 2020
Machine Hours	7996	7898	7856	6904
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	40.1	39.8	40.0	42.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	10	14	12
Sodium	ppm	7	3	10	8
Potassium	ppm	0	3	<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	19	10	19	8
Copper	ppm	<1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	1	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4338	3887	4272	3918
Magnesium	ppm	11	9	16	11
Zinc	ppm	1706	1596	1732	1516
Phosphorus	ppm	1378	1262	1364	1238
Barium	ppm	0	0	0	0
Boron	ppm	141	148	161	262

Depot: VOLVO1271
Unique No: 10994892
Signed: Wes Davis
Report Date: 25 Apr 2024



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VOLVO GRAPHS

