



CONSTRUCTION EQUIPMENT

225927 WM VOLVO L220G 12593 - FRONT AXLE



Sample No: VCP424661
Oil Type: VOLVO WB 102
Job No: 225927 WM



SAMPLE INFORMATION

Sample Number	VCP424661	VCP403237	VCP426764	VCP259062
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	40.0	39.7	40.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	27	18	24	20
Sodium	ppm	7	3	10	9
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	95	46	80	36
Copper	ppm	2	1	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	1	3	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3754	3456	3616	3665
Magnesium	ppm	10	9	13	10
Zinc	ppm	1526	1440	1497	1456
Phosphorus	ppm	1243	1138	1209	1193
Barium	ppm	0	0	0	0
Boron	ppm	126	129	130	237

Depot: VOLVO1271
Unique No: 10994891
Signed: Wes Davis
Report Date: 25 Apr 2024



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VOLVO GRAPHS

