



CONSTRUCTION EQUIPMENT

225208 CRC WM VOLVO L120H 632191 - FRONT AXLE



Sample No: VCP424200
Oil Type: VOLVO WB 102
Job No: 225208 CRC WM



SAMPLE INFORMATION

Sample Number	VCP424200	VCP370551	VCP363789	VCP256194
Sample Date	07 Sep 2023	13 Jan 2023	11 Oct 2022	22 Sep 2021
Machine Hours	17291	16571	16520	14382
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	40.1	45.1	39.8	40.5
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CONTAMINATION

Silicon	ppm	9	29	19	39
Sodium	ppm	6	11	4	7
Potassium	ppm	0	3	3	<1



WEAR METALS

Iron	ppm	45	309	118	▲ 536
Copper	ppm	1	<1	<1	2
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	3	3	3
Chromium	ppm	<1	5	1	6
Molybdenum	ppm	0	1	<1	11
Nickel	ppm	<1	0	0	2
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	4	2	19
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3041	7332	4288	4067
Magnesium	ppm	11	34	15	13
Zinc	ppm	1395	2291	1746	1527
Phosphorus	ppm	1300	1399	1406	1343
Barium	ppm	0	1	0	0
Boron	ppm	94	316	133	132

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.

Depot: VOLVO1271
Unique No: 10649027
Signed: Wes Davis
Report Date: 18 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

