



CONSTRUCTION EQUIPMENT

SWA316463-10 VOLVO L220F 6214 - REAR AXLE



Sample No: VCP418950
Oil Type: VOLVO WB 102
Job No: SWA316463-10



SAMPLE INFORMATION

Sample Number	VCP418950	VCP326784	VCP322956	VCP303875
Sample Date	03 Aug 2023	12 Oct 2021	03 Aug 2021	19 May 2021
Machine Hours	34165	33000	32500	32000
Oil Hours	0	3000	0	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

WHEELABRATOR

1 CHARLES POINT AVE
 PEEKSKILL, NY
 US 10566
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	42.3	42.8	42.7	42.0
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T:
F:



CONTAMINATION

Silicon	ppm	15	16	16	12
Sodium	ppm	9	12	9	1
Potassium	ppm	<1	0	2	<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	32	20	43	68
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	1	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	1	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	6	0	<1	7
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	4
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4283	4016	3982	4037
Magnesium	ppm	19	12	16	13
Zinc	ppm	1714	1710	1548	1626
Phosphorus	ppm	1360	1262	1287	1330
Barium	ppm	0	0	0	3
Boron	ppm	163	124	166	157

Depot: WHEPEE
Unique No: 10617670
Signed: Wes Davis
Report Date: 24 Aug 2023



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GRAPHS

