



CONSTRUCTION EQUIPMENT

SWA316463-10 VOLVO L220F 6214 - FRONT AXLE



Sample No: VCP418949
Oil Type: VOLVO WB 102
Job No: SWA316463-10



SAMPLE INFORMATION

Sample Number	VCP418949	VCP328195	VCP323029	VCP291204
Sample Date	03 Aug 2023	12 Oct 2021	03 Aug 2021	19 May 2021
Machine Hours	34165	33000	32500	32000
Oil Hours	0	1000	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	42.5	42.5	42.8	41.4
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T:
F:



CONTAMINATION

Silicon	ppm	16	16	13	11
Sodium	ppm	9	11	9	<1
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	30	20	19	178
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	1	1	0
Chromium	ppm	<1	<1	<1	2
Molybdenum	ppm	0	0	<1	1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4253	4145	4065	4063
Magnesium	ppm	19	14	16	20
Zinc	ppm	1689	1767	1573	1581
Phosphorus	ppm	1350	1291	1298	1286
Barium	ppm	0	0	0	0
Boron	ppm	164	126	171	202

Depot: WHEPEE
Unique No: 10617673
Signed: Wes Davis
Report Date: 24 Aug 2023



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GRAPHS

