



CONSTRUCTION EQUIPMENT

SWA351046-10 VOLVO L220H 2752 - REAR AXLE



Sample No: VCP424082
Oil Type: VOLVO WB 102
Job No: SWA351046-10



SAMPLE INFORMATION

Sample Number	VCP424082	VCP420291	VCP376107	VCP361708
Sample Date	07 Sep 2023	23 May 2023	17 Oct 2022	09 Aug 2022
Machine Hours	15591	14548	12267	11472
Oil Hours	0	0	0	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	46.8	42.2	39.7	41.8
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T:
F:



CONTAMINATION

Silicon	ppm	12	14	7	7
Sodium	ppm	3	6	0	6
Potassium	ppm	0	0	3	0

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	13	299	71	29
Copper	ppm	<1	0	1	0
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	0	0	<1
Chromium	ppm	<1	4	2	<1
Molybdenum	ppm	0	7	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	4	2	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	4160	4086	2989	3420
Magnesium	ppm	6	18	10	8
Zinc	ppm	1629	1690	1300	1437
Phosphorus	ppm	1263	1317	1039	1214
Barium	ppm	0	0	0	<1
Boron	ppm	137	136	87	135

Depot: WHEPEE
Unique No: 10655640
Signed: Wes Davis
Report Date: 20 Sep 2023



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VOLVO GRAPHS

