



CONSTRUCTION EQUIPMENT

SWA351046-10 VOLVO L220H 2752 - FRONT AXLE



Sample No: VCP412850
Oil Type: VOLVO WB 102
Job No: SWA351046-10



SAMPLE INFORMATION

Sample Number	VCP412850	VCP420288	VCP376098	VCP348151
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	47.0	39.5	39.8	39.3
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T:
F:



CONTAMINATION

Silicon	ppm	12	8	7	6
Sodium	ppm	3	4	0	4
Potassium	ppm	0	<1	2	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	69	68	33
Copper	ppm	<1	0	1	<1
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	1	0	0	<1
Chromium	ppm	<1	2	2	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	2	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4157	2634	3002	2560
Magnesium	ppm	6	11	11	7
Zinc	ppm	1633	1238	1317	1155
Phosphorus	ppm	1272	974	1053	965
Barium	ppm	0	0	0	1
Boron	ppm	138	88	88	101

Depot: WHEPEE
Unique No: 10655641
Signed: Wes Davis
Report Date: 20 Sep 2023



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VOLVO GRAPHS

