



CONSTRUCTION EQUIPMENT

9992 WASTE CONNECT VOLVO L90G 617183 - REAR AXLE



Sample No: VCP388516
Oil Type: VOLVO WB 102
Job No: 9992 WASTE CONNECT



SAMPLE INFORMATION

Sample Number	VCP388516	VCP344987	VCP196917	VCP226719
Sample Date	07 Dec 2023	17 Feb 2022	03 Oct 2020	10 Oct 2018
Machine Hours	28551	24530	20530	13168
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	42.3	50.1	39.4	39.81
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	16	13	9
Sodium	ppm	0	5	8	<1
Potassium	ppm	2	<1	2	3

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	21	11	26	25
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	1	2	0	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	7	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3424	3562	4098	3682
Magnesium	ppm	52	122	12	10
Zinc	ppm	1487	1438	1562	1459
Phosphorus	ppm	1240	1208	1360	1203
Barium	ppm	0	0	0	0
Boron	ppm	59	126	151	102

Depot: VOLVO0150
Unique No: 10789027
Signed: Wes Davis
Report Date: 14 Dec 2023



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GRAPHS

