



CONSTRUCTION EQUIPMENT

GFL ENVIRONMENTAL INC 394234 VOLVO L70H 622343 - REAR AXLE



Sample No: VCP394022
Oil Type: VOLVO WB 102
Job No: 394234



SAMPLE INFORMATION

Sample Number	VCP394022	VCP380152	VCP335021	VCE200148
Sample Date	12 Feb 2024	21 Aug 2023	06 Dec 2021	29 Jun 2018
Machine Hours	13311	12401	8596	1014
Oil Hours	1000	0	0	0
Oil Changed	Not Chngd	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT (CE)

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OIL CONDITION

Visc @ 40°C	cSt	42.8	42.0	41.0	40.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	16	11	12
Sodium	ppm	<1	2	9	3
Potassium	ppm	2	<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	16	39	31	45
Copper	ppm	2	12	3	28
Lead	ppm	0	<1	0	1
Tin	ppm	0	1	<1	2
Aluminum	ppm	2	2	1	<1
Chromium	ppm	0	<1	<1	2
Molybdenum	ppm	0	<1	<1	4
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4160	4232	3937	3950
Magnesium	ppm	17	25	15	13
Zinc	ppm	1626	1640	1605	1607
Phosphorus	ppm	1339	1387	1375	1309
Barium	ppm	0	0	0	<1
Boron	ppm	123	129	125	116

Depot: VOLVO0252
Unique No: 5724560
Signed: Wes Davis
Report Date: 14 Feb 2024



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GRAPHS

