



CONSTRUCTION EQUIPMENT

SWA480260 VOLVO L70H 622505 - FRONT AXLE



Sample No: VCP436337
Oil Type: VOLVO WB 102
Job No: SWA480260



SAMPLE INFORMATION

Sample Number	VCP436337	VCP427141	VCP400978	VCP350917
Sample Date	14 Feb 2024	01 Sep 2023	18 May 2023	24 Jan 2022
Machine Hours	12408	11602	11032	8355
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
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OIL CONDITION

Visc @ 40°C	cSt	43.8	43.1	41.8	40.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	14	17	9
Sodium	ppm	9	9	12	2
Potassium	ppm	0	0	2	<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	85	30	28	19
Copper	ppm	0	0	0	0
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	2	<1	<1
Chromium	ppm	2	<1	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4156	4241	4184	3948
Magnesium	ppm	22	20	19	12
Zinc	ppm	1670	1700	1764	1418
Phosphorus	ppm	1307	1346	1400	1307
Barium	ppm	0	0	0	0
Boron	ppm	136	141	136	134

Depot: VOLV00142
Unique No: 10886171
Signed: Wes Davis
Report Date: 20 Feb 2024



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GRAPHS

