



CONSTRUCTION EQUIPMENT

SWA480260 VOLVO L70H 622505 - REAR AXLE



Sample No: VCP436333
Oil Type: VOLVO WB 102
Job No: SWA480260



SAMPLE INFORMATION

Sample Number	VCP436333	VCP427147	VCP400750	VCP350915
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	40.94	42.0	42.0	40.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	17	20	15
Sodium	ppm	10	9	10	2
Potassium	ppm	0	<1	1	2

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	47	36	37	30
Copper	ppm	12	8	9	10
Lead	ppm	<1	0	1	0
Tin	ppm	2	1	2	1
Aluminum	ppm	3	4	2	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	4108	4005	4212	4274
Magnesium	ppm	21	19	20	14
Zinc	ppm	1656	1593	1771	1533
Phosphorus	ppm	1316	1248	1404	1388
Barium	ppm	0	0	0	0
Boron	ppm	135	128	134	139

Depot: VOLV00142
Unique No: 10886172
Signed: Wes Davis
Report Date: 22 Feb 2024



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GRAPHS

