



CONSTRUCTION EQUIPMENT

SWA350493 VOLVO L70H 622505 - REAR AXLE



Sample No: VCP427147
Oil Type: VOLVO WB 102
Job No: SWA350493



SAMPLE INFORMATION

Sample Number	VCP427147	VCP400750	VCP350915	VCP312619
Sample Date	01 Sep 2023	18 May 2023	24 Jan 2022	08 Sep 2021
Machine Hours	11602	11032	8355	7662
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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OIL CONDITION

Visc @ 40°C	cSt	42.0	42.0	40.0	40.0
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CONTAMINATION

Silicon	ppm	17	20	15	9
Sodium	ppm	9	10	2	6
Potassium	ppm	<1	1	2	0



WEAR METALS

Iron	ppm	36	37	30	15
Copper	ppm	8	9	10	3
Lead	ppm	0	1	0	0
Tin	ppm	1	2	1	<1
Aluminum	ppm	4	2	2	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4005	4212	4274	3924
Magnesium	ppm	19	20	14	13
Zinc	ppm	1593	1771	1533	1540
Phosphorus	ppm	1248	1404	1388	1247
Barium	ppm	0	0	0	0
Boron	ppm	128	134	139	142

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.

Depot: VOLVO0142
Unique No: 10635541
Signed: Wes Davis
Report Date: 08 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

