



CONSTRUCTION EQUIPMENT

SW122120-20 VOLVO L180H 5307 - REAR AXLE



Sample No: VCP367739
Oil Type: VOLVO WB 102
Job No: SW122120-20



SAMPLE INFORMATION

Sample Number	VCP367739	VCP354265	VCP356543	VCP341035
Sample Date	05 Dec 2022	24 Jun 2022	06 Apr 2022	01 Nov 2021
Machine Hours	6547	5245	4671	3947
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	N/A	Changed	N/A
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

ALTA EQUIPMENT
 5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
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OIL CONDITION

Visc @ 40°C	cSt	42.2	42.8	43.5	40.0
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CONTAMINATION

Silicon	ppm	12	12	14	13
Sodium	ppm	2	2	4	4
Potassium	ppm	0	<1	0	<1

WEAR METALS

Iron	ppm	62	21	156	132
Copper	ppm	2	2	14	13
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	1	3	1	<1
Chromium	ppm	1	<1	5	4
Molybdenum	ppm	1	<1	4	4
Nickel	ppm	0	0	2	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	2	<1	6	5
Vanadium	ppm	0	0	0	<1

ADDITIVES

Calcium	ppm	3736	4033	3933	3849
Magnesium	ppm	13	10	12	12
Zinc	ppm	1435	1589	1489	1511
Phosphorus	ppm	1177	1316	1331	1303
Barium	ppm	0	0	0	0
Boron	ppm	123	115	133	123

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: 10253393
Signed: Wes Davis
Report Date: 12 Dec 2022



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

