



CONSTRUCTION EQUIPMENT

SW122120-20 VOLVO L180H 5307 - FRONT AXLE



Sample No: VCP367741
Oil Type: VOLVO WB 102
Job No: SW122120-20



SAMPLE INFORMATION

Sample Number	VCP367741	VCP354271	VCP358509	VCP342042
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
 Contact: JIM STRIGLE
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OIL CONDITION

Visc @ 40°C	cSt	42.0	42.0	40.0	41.1
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CONTAMINATION

Silicon	ppm	14	10	14	12
Sodium	ppm	2	2	4	4
Potassium	ppm	0	0	0	<1



WEAR METALS

Iron	ppm	105	34	223	172
Copper	ppm	5	4	16	16
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	2	2	1
Chromium	ppm	3	<1	7	6
Molybdenum	ppm	2	1	6	6
Nickel	ppm	0	0	2	1
Titanium	ppm	0	0	<1	<1
Silver	ppm	<1	0	<1	<1
Manganese	ppm	4	2	10	9
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4032	3712	3936	3751
Magnesium	ppm	15	8	12	15
Zinc	ppm	1546	1519	1494	1495
Phosphorus	ppm	1249	1299	1346	1300
Barium	ppm	0	0	0	0
Boron	ppm	137	108	132	115

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: 10253398
Signed: Wes Davis
Report Date: 12 Dec 2022



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

