



CONSTRUCTION EQUIPMENT

SWA058525-10 VOLVO L180H 5418 - REAR AXLE



Sample No: VCP388760
Oil Type: VOLVO WB 102
Job No: SWA058525-10



SAMPLE INFORMATION

Sample Number	VCP388760	VCP331085	VCP325228	VCP291469
Sample Date	13 Sep 2022	29 Nov 2021	09 Jun 2021	26 Oct 2020
Machine Hours	3034	2239	997	575
Oil Hours	0	0	997	575
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	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	39.4	39.9	39.6	39.4
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CONTAMINATION

Silicon	ppm	11	19	9	11
Sodium	ppm	10	7	10	8
Potassium	ppm	<1	3	1	2



WEAR METALS

Iron	ppm	70	101	32	60
Copper	ppm	6	5	1	2
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	2	<1	3
Chromium	ppm	3	4	2	3
Molybdenum	ppm	2	3	2	3
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	4	5	3	5
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	3396	4131	3860	3791
Magnesium	ppm	11	11	11	11
Zinc	ppm	1400	1530	1528	1507
Phosphorus	ppm	1175	1386	1293	1268
Barium	ppm	0	0	0	0
Boron	ppm	128	113	146	126

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: VOLV00142
Unique No: 10139703
Signed: Wes Davis
Report Date: 20 Sep 2022



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

