



CONSTRUCTION EQUIPMENT

717425 5378 VOLVO L180H 5378 - REAR AXLE



Sample No: VCP439979
Oil Type: VOLVO WB 102
Job No: 717425



SAMPLE INFORMATION

Sample Number	VCP439979	DJJ022722	VCP433341	VCP312212
Sample Date	05 Jun 2024	05 Apr 2024	22 Nov 2023	03 May 2021
Machine Hours	8050	7610	6747	626
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	ATTENTION	ABNORMAL

TRADEMARK METALS RECYCLING - EVERGLADES
 3440 NW 135TH ST
 OPA LOCKA, FL
 US 33054
 Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	42.2	51.1	473	39.8
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T:
 F: (305)681-4914



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	14	11	9
Sodium	ppm	3	3	6	9
Potassium	ppm	1	0	2	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	48	46	124	25
Copper	ppm	8	8	34	4
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	<1	<1	3	1
Molybdenum	ppm	0	<1	1	2
Nickel	ppm	<1	<1	1	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	4	2
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3266	3187	3605	3946
Magnesium	ppm	10	7	0	11
Zinc	ppm	1502	1399	1665	1634
Phosphorus	ppm	1245	1118	1191	1359
Barium	ppm	0	0	0	0
Boron	ppm	35	32	126	127

Depot: TRAOPA
Unique No: 11074412
Signed: Wes Davis
Report Date: 13 Jun 2024



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GRAPHS

