



CONSTRUCTION EQUIPMENT

STELLA-JONES 8-359967 VOLVO L90H 625390 - REAR AXLE



Sample No: VCP381838
Oil Type: VOLVO WB 102
Job No: 8-359967



SAMPLE INFORMATION

Sample Number	VCP381838	VCP336006	VCP280687	VCP260615
Sample Date	29 Mar 2023	16 Mar 2022	27 Apr 2021	24 Nov 2020
Machine Hours	8068	6000	3985	2020
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

Contact: Janice Cripps
jcripps@strongco.com
T: (905)565-3876
F: (905)670-2338



OIL CONDITION

Visc @ 40°C	cSt	43.3	41.5	40.9	40.4
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	18	11	15	16
Sodium	ppm	2	9	10	10
Potassium	ppm	1	1	1	2



WEAR METALS

Iron	ppm	108	119	92	69
Copper	ppm	5	14	115	27
Lead	ppm	0	<1	▲ 5	1
Tin	ppm	<1	2	▲ 14	3
Aluminum	ppm	3	2	2	2
Chromium	ppm	<1	2	2	2
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	1	2	1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	2	2	2	2
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	4336	2795	4063	4218
Magnesium	ppm	18	13	17	16
Zinc	ppm	1584	1267	1691	1714
Phosphorus	ppm	1403	1098	1330	1338
Barium	ppm	0	0	0	0
Boron	ppm	117	85	116	120

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: SHEMIS
Unique No: 5555700
Signed: Wes Davis
Report Date: 23 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

