



CONSTRUCTION EQUIPMENT

STELLA-JONES 382313 VOLVO L90H 625431 - REAR AXLE



Sample No: VCP394473
Oil Type: VOLVO WB 102
Job No: 382313



SAMPLE INFORMATION

Sample Number	VCP394473	VCP381843	VCP60845	VCP251216
Sample Date	27 Oct 2023	29 Mar 2023	01 Jun 2021	23 Sep 2020
Machine Hours	9998	8017	4101	1052
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
 MISSISSAUGA, ON
 CA L4W 4L4

Contact: Janice Cripps
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OIL CONDITION

Visc @ 40°C	cSt	43.4	42.0	43.4	40.9
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CONTAMINATION

Silicon	ppm	10	18	19	15
Sodium	ppm	2	10	13	11
Potassium	ppm	0	2	1	2



WEAR METALS

Iron	ppm	74	131	81	118
Copper	ppm	3	8	6	24
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	<1	2
Aluminum	ppm	2	3	3	2
Chromium	ppm	<1	2	1	6
Molybdenum	ppm	0	<1	<1	4
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	<1	0
Manganese	ppm	<1	2	2	12
Vanadium	ppm	0	<1	<1	<1



ADDITIVES

Calcium	ppm	4075	4186	4141	4159
Magnesium	ppm	19	19	17	15
Zinc	ppm	1627	1620	1670	1632
Phosphorus	ppm	1338	1446	1387	1412
Barium	ppm	<1	0	0	<1
Boron	ppm	118	115	127	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: SHEMIS
Unique No: 5669797
Signed: Kevin Marson
Report Date: 30 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

