



CONSTRUCTION EQUIPMENT

TOWN OF OAKVILLE 8000387803 VOLVO L90H 15728 - FRONT AXLE



Sample No: VCP392146
Oil Type: VOLVO WB 102
Job No: 8000387803



SAMPLE INFORMATION

Sample Number	VCP392146	VCP380088	---	---
Sample Date	14 Dec 2023	14 Dec 2023	---	---
Machine Hours	2223	2223	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

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OIL CONDITION

Visc @ 40°C	cSt	41.7	42.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	15	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	0	0	---	---

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	55	37	---	---
Copper	ppm	3	38	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	0	3	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	3	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4310	4276	---	---
Magnesium	ppm	10	11	---	---
Zinc	ppm	1665	1642	---	---
Phosphorus	ppm	1356	1322	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	116	114	---	---

Depot: SHEMIS
Unique No: 5696677
Signed: Wes Davis
Report Date: 15 Dec 2023



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GRAPHS

