



CONSTRUCTION EQUIPMENT

IMPACT AUTO 390778 VOLVO L90H 623638 - FRONT AXLE



Sample No: VCP394161
Oil Type: VOLVO WB 102
Job No: 390778



SAMPLE INFORMATION

Sample Number	VCP394161	VCP334101	VCP240885	---
Sample Date	10 Jan 2024	17 Jan 2023	07 Oct 2019	---
Machine Hours	9661	8160	4037	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW
 Acheson, AB
 CA T7X 6C2

Contact: Jonathan Morton
 jmorton@strongco.com
 T: (780)464-1909
 F: (780)464-0434



OIL CONDITION

Visc @ 40°C	cSt	42.1	42.1	40.6	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	15	11	---
Sodium	ppm	1	7	0	---
Potassium	ppm	1	<1	<1	---

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	17	19	39	---
Copper	ppm	<1	0	<1	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	0	0	1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	4185	4315	4187	---
Magnesium	ppm	17	15	11	---
Zinc	ppm	1648	1599	1692	---
Phosphorus	ppm	1380	1364	1349	---
Barium	ppm	0	0	<1	---
Boron	ppm	120	119	122	---

Depot: VOLVO3908
Unique No: 5711113
Signed: Wes Davis
Report Date: 19 Jan 2024



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GRAPHS

