



CONSTRUCTION EQUIPMENT

IMPACT AUTO 390778 VOLVO L90H 623638 - REAR AXLE



Sample No: VCP394168
Oil Type: VOLVO WB 102
Job No: 390778



SAMPLE INFORMATION

Sample Number	VCP394168	VCP353040	VCP231874	---
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

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OIL CONDITION

Visc @ 40°C	cSt	42.3	42.0	40.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	18	22	12	---
Sodium	ppm	2	8	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	35	49	37	---
Copper	ppm	10	6	39	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	1	<1	4	---
Aluminum	ppm	3	2	<1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	4170	4444	4254	---
Magnesium	ppm	17	15	11	---
Zinc	ppm	1638	1665	1710	---
Phosphorus	ppm	1349	1411	1356	---
Barium	ppm	0	0	<1	---
Boron	ppm	116	120	122	---

Depot: VOLVO3908
Unique No: 5711110
Signed: Wes Davis
Report Date: 19 Jan 2024



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GRAPHS

