



CONSTRUCTION EQUIPMENT

01-90-102 VOLVO EW220E VCEW220EC00323005 - REAR AXLE



Sample No: VCE458408
Oil Type: VOLVO WB 101
Job No: 01-90-102



SAMPLE INFORMATION

Sample Number	VCE458408	VCE117356	---	---
Sample Date	01 Aug 2023	19 Oct 2020	---	---
Machine Hours	4695	1502	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

CITY OF REGINA - FLEET SERVICES DEPT
2476 VICTORIA AVENUE, BOX 1790
REGINA, SK
CA S4P 3C8
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OIL CONDITION

Visc @ 40°C	cSt	52.5	54.2	---	---
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CONTAMINATION

Silicon	ppm	6	4	---	---
Sodium	ppm	12	13	---	---
Potassium	ppm	<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	24	12	---	---
Copper	ppm	22	13	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3348	3331	---	---
Magnesium	ppm	8	8	---	---
Zinc	ppm	1379	1400	---	---
Phosphorus	ppm	1182	1117	---	---
Barium	ppm	4	2	---	---
Boron	ppm	99	94	---	---

Depot: CITREG
Unique No: 5630625
Signed: Wes Davis
Report Date: 22 Aug 2023



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VOLVO GRAPHS

