



CONSTRUCTION EQUIPMENT

VOLVO EW220E 27094 - REAR DIFFERENTIAL



Sample No: VCP201408
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP201408	VCE201419	---	---
Sample Date	15 May 2023	31 Oct 2022	---	---
Machine Hours	4631	3798	---	---
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
 Contact: Curtis Jors
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 T: (306)777-7674
 F: (306)777-6813



OIL CONDITION

Visc @ 40°C	cSt	52.3	53.0	---	---
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CONTAMINATION

Silicon	ppm	7	6	---	---
Sodium	ppm	18	19	---	---
Potassium	ppm	3	2	---	---

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	22	15	---	---
Copper	ppm	31	28	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3464	3637	---	---
Magnesium	ppm	10	9	---	---
Zinc	ppm	1401	1431	---	---
Phosphorus	ppm	1187	1250	---	---
Barium	ppm	2	2	---	---
Boron	ppm	94	98	---	---

Depot: CITREG
Unique No: 5632561
Signed: Wes Davis
Report Date: 30 Aug 2023



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VOLVO GRAPHS

