



# CONSTRUCTION EQUIPMENT

## SPM567191 WASTE MGMT VOLVO EC250EL 310691 - LEFT FINAL DRIVE



**Sample No:** VCP422600  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM567191 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP422600</b>	VCP423405	VCP418537	VCP404260
Sample Date	<b>16 Jun 2023</b>	01 Jun 2023	18 May 2023	13 Apr 2023
Machine Hours	<b>15556</b>	12246	12093	2170
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT CO - ORLAND PARK**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>205</b>	206	199	197
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### CONTAMINATION

Silicon	ppm	<b>26</b>	26	25	24
Sodium	ppm	<b>1</b>	<1	<1	1
Potassium	ppm	<b>0</b>	0	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	<b>26</b>	19	16	12
Copper	ppm	<b>0</b>	0	0	<1
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>1</b>	<1	<1	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	2	2	2
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>2929</b>	3104	3095	3006
Magnesium	ppm	<b>56</b>	51	53	54
Zinc	ppm	<b>1089</b>	1152	1117	1083
Phosphorus	ppm	<b>869</b>	904	884	868
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>2</b>	4	5	2

**Depot:** VOLVO8885  
**Unique No:** 10548903  
**Signed:** Don Baldrige  
**Report Date:** 11 Jul 2023



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## GRAPHS

