



# CONSTRUCTION EQUIPMENT

SW1026328 STEFFY VOLVO EC200EL 314540 - SWING DRIVE



**Sample No:** VCP441205  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SW1026328 STEFFY



## SAMPLE INFORMATION

Sample Number	VCP441205	VCP353840	---	---
Sample Date	12 Nov 2023	03 Jun 2022	---	---
Machine Hours	1052	590	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**ARNOLD MACHINERY COMPANY**  
 4323 EAST WINSLOW AVENUE  
 PHOENIX, AZ  
 US 85040  
 Contact: RANDY PRZEKURAT  
 randyp@arnoldmachinery.com  
 T:  
 F: (602)414-1904



## OIL CONDITION

Visc @ 40°C	cSt	█ 164	█ 167	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 9	█ 8	---	---
Sodium	ppm	█ 0	█ 1	---	---
Potassium	ppm	█ 2	█ 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	█ 245	█ 169	---	---
Copper	ppm	█ 6	█ 36	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	<1	---	---
Aluminum	ppm	█ 1	2	---	---
Chromium	ppm	█ 3	3	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 4	█ 5	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 12	█ 29	---	---
Magnesium	ppm	█ 1	█ <1	---	---
Zinc	ppm	█ 33	█ 32	---	---
Phosphorus	ppm	█ 303	█ 303	---	---
Barium	ppm	█ 0	█ 2	---	---
Boron	ppm	█ 0	█ 1	---	---

**Depot:** VOLVO6174  
**Unique No:** 10751914  
**Signed:** Jonathan Hester  
**Report Date:** 22 Nov 2023



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## GRAPHS

