



# CONSTRUCTION EQUIPMENT

SW1021435 STEFFEY VOLVO ECR235E 314278 - REAR LEFT FINAL DRIVE



**Sample No:** VCP406323  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SW1021435 STEFFEY



## SAMPLE INFORMATION

Sample Number	VCP406323	---	---	---
Sample Date	15 Jul 2023	---	---	---
Machine Hours	1700	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ARNOLD MACHINERY COMPANY**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 172	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <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	█ 325	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 28	---	---	---
Phosphorus	ppm	█ 493	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VOLVO6174  
**Unique No:** 10572470  
**Signed:** Wes Davis  
**Report Date:** 25 Jul 2023

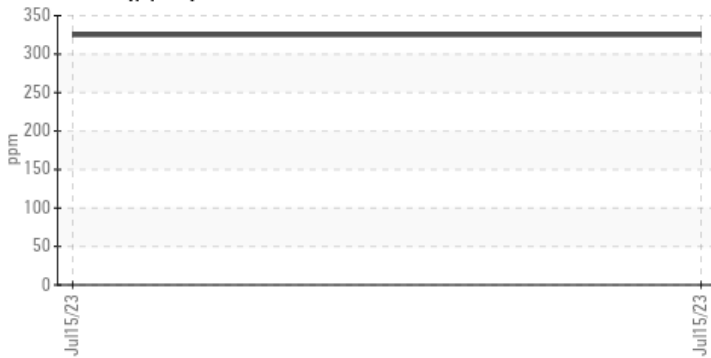


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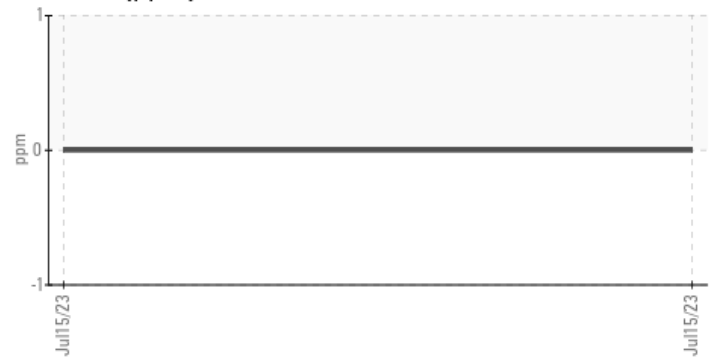


## GRAPHS

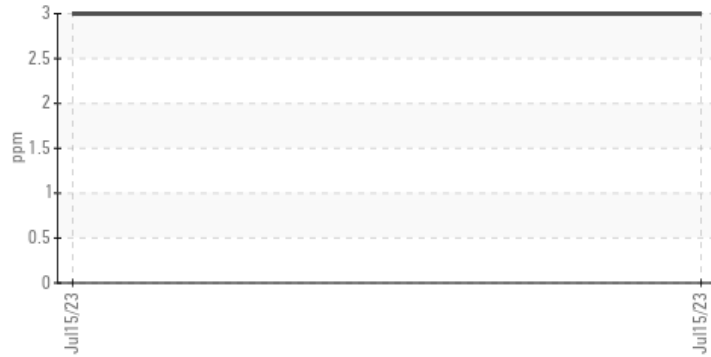
### Iron (ppm)



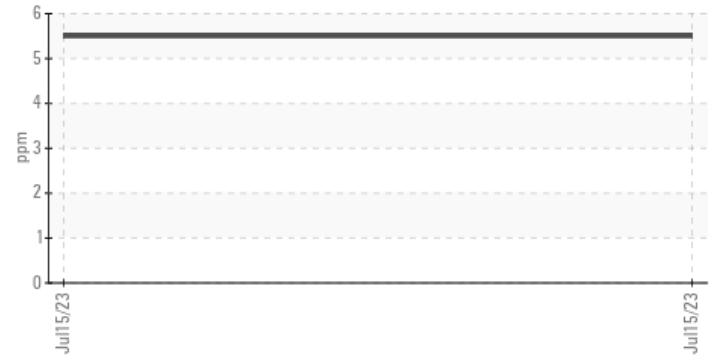
### Lead (ppm)



### Aluminum (ppm)



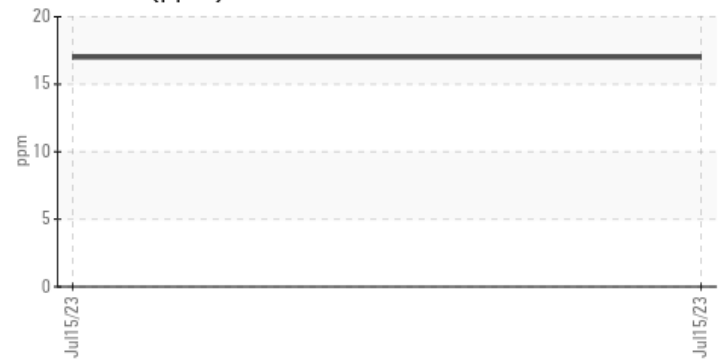
### Chromium (ppm)



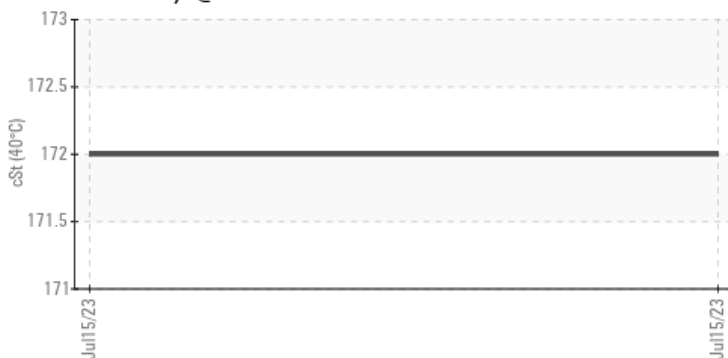
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

