



# CONSTRUCTION EQUIPMENT

SW1027835 STEFFY VOLVO ECR235E 314278 - SWING DRIVE



**Sample No:** VCP419577  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SW1027835 STEFFY



## SAMPLE INFORMATION

Sample Number	VCP419577	VCP412329	---	---
Sample Date	16 Dec 2023	15 Jul 2023	---	---
Machine Hours	2210	1700	---	---
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	█ 141	█ 181	---	---
-------------	-----	-------	-------	-----	-----



## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 9	█ 10	---	---
Sodium	ppm	█ 0	█ 2	---	---
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	█ 649	█ 65	---	---
Copper	ppm	█ 16	█ 29	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ 8	█ <1	---	---
Molybdenum	ppm	█ 2	█ <1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 8	█ 3	---	---
Vanadium	ppm	0	<1	---	---



## ADDITIVES

Calcium	ppm	█ 12	█ 34	---	---
Magnesium	ppm	█ 7	█ <1	---	---
Zinc	ppm	█ 25	█ 34	---	---
Phosphorus	ppm	█ 489	█ 490	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 51	0	---	---

**Depot:** VOLVO6174  
**Unique No:** 10805881  
**Signed:** Sean Felton  
**Report Date:** 28 Dec 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

