



# CONSTRUCTION EQUIPMENT

SW-34384-2 CHAISON VOLVO ECR88D 216060 - REAR LEFT FINAL DRIVE



**Sample No:** VCP369535  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SW-34384-2 CHAISON



**ARNOLD MACHINERY COMPANY**  
2975 WEST 2100 SOUTH  
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## SAMPLE INFORMATION

Sample Number	VCP369535	---	---	---
Sample Date	15 May 2024	---	---	---
Machine Hours	2963	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 182	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 57	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 117	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2673	---	---	---
Magnesium	ppm	█ 19	---	---	---
Zinc	ppm	█ 814	---	---	---
Phosphorus	ppm	█ 835	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 3	---	---	---

## 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.

**Depot:** VOLVO8770  
**Unique No:** 11043296  
**Signed:** Don Baldrige  
**Report Date:** 23 May 2024



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## GRAPHS

