



CONSTRUCTION EQUIPMENT

SW1021435 STEFFEY VOLVO ECR235E 314278 - REAR RIGHT FINAL DRIVE



Sample No: VCP406937
Oil Type: GEAR OIL SAE 80W90
Job No: SW1021435 STEFFEY



ARNOLD MACHINERY COMPANY
4323 EAST WINSLOW AVENUE
PHOENIX, AZ
US 85040
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SAMPLE INFORMATION

Sample Number	VCP406937	---	---	---
Sample Date	15 Jul 2023	---	---	---
Machine Hours	1700	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 174	---	---	---
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CONTAMINATION

Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	▲ 518	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	▲ 11	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 11	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 28	---	---	---
Phosphorus	ppm	█ 502	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO6174
Unique No: 10572471
Signed: Sean Felton
Report Date: 26 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

