



CONSTRUCTION EQUIPMENT

SPM593827 VOLVO ECR235 311787 - REAR RIGHT FINAL DRIVE



Sample No: VCP417683
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SPM593827



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP417683	VCP319776	---	---
Sample Date	08 Aug 2023	15 Sep 2021	---	---
Machine Hours	2592	1063	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 184	█ 182	---	---
-------------	-----	-------	-------	-----	-----



CONTAMINATION

Silicon	ppm	█ 74	█ 34	---	---
Sodium	ppm	█ 1	█ 4	---	---
Potassium	ppm	█ 6	█ 3	---	---



WEAR METALS

Iron	ppm	▲ 1127	▲ 694	---	---
Copper	ppm	█ <1	█ 1	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 10	█ 8	---	---
Chromium	ppm	▲ 29	▲ 21	---	---
Molybdenum	ppm	█ 3	3	---	---
Nickel	ppm	█ 1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 16	12	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	█ 48	42	---	---
Magnesium	ppm	█ 0	2	---	---
Zinc	ppm	█ 10	26	---	---
Phosphorus	ppm	█ 369	396	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 0	12	---	---

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. All other 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: VOLVO0093
Unique No: 10605060
Signed: Don Baldrige
Report Date: 16 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

