



CONSTRUCTION EQUIPMENT

566273 AMERICAN/IMPO VOLVO ECR235EL 311427 - SWING DRIVE



Sample No: VCP422660
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 566273 AMERICAN/IMPO



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP422660	VCP340268	VCP337040	---
Sample Date	15 Jun 2023	23 Feb 2022	20 Jul 2021	---
Machine Hours	4260	2210	1707	---
Oil Hours	1000	100	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	266	249	186	---
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CONTAMINATION

Silicon	ppm	4	3	8	---
Sodium	ppm	0	0	2	---
Potassium	ppm	0	0	1	---



WEAR METALS

Iron	ppm	37	66	408	---
Copper	ppm	5	4	8	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	2	<1	---
Chromium	ppm	<1	1	5	---
Molybdenum	ppm	4	2	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	141	80	0	---
Magnesium	ppm	27	36	0	---
Zinc	ppm	119	52	27	---
Phosphorus	ppm	1013	1140	383	---
Barium	ppm	0	0	0	---
Boron	ppm	143	182	10	---

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: VOLVO0093
Unique No: 10551189
Signed: Wes Davis
Report Date: 12 Jul 2023



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GRAPHS

