



CONSTRUCTION EQUIPMENT

715570 VOLVO ECR145EL 315939 - SWING DRIVE



Sample No: VCP439597
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 715570



SAMPLE INFORMATION

Sample Number	VCP439597	VCP411349	VCP367199	---
Sample Date	14 Jun 2024	28 Apr 2023	12 Sep 2022	---
Machine Hours	2070	1009	495	---
Oil Hours	1000	500	495	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	281	246	165	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	13	17	---
Sodium	ppm	0	0	0	---
Potassium	ppm	1	<1	1	---

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	65	89	64	---
Copper	ppm	8	19	31	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	5	6	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	125	132	31	---
Magnesium	ppm	27	45	<1	---
Zinc	ppm	85	113	39	---
Phosphorus	ppm	871	832	302	---
Barium	ppm	0	0	0	---
Boron	ppm	165	141	<1	---

Depot: RIPTAM
Unique No: 11127011
Signed: Wes Davis
Report Date: 17 Jul 2024



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GRAPHS

