



CONSTRUCTION EQUIPMENT

715570 VOLVO ECR145EL 315939 - REAR LEFT FINAL DRIVE



Sample No: VCP439670
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 715570



SAMPLE INFORMATION

Sample Number	VCP439670	VCP392673	VCP367193	---
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	280	233	138	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	8	10	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	2	<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	144	188	181	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	10	18	13	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	2	3	4	---
Molybdenum	ppm	5	6	0	---
Nickel	ppm	<1	1	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	69	138	30	---
Magnesium	ppm	26	45	<1	---
Zinc	ppm	86	129	21	---
Phosphorus	ppm	946	835	215	---
Barium	ppm	0	0	0	---
Boron	ppm	142	135	<1	---

Depot: RIPTAM
Unique No: 11127032
Signed: Wes Davis
Report Date: 17 Jul 2024



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GRAPHS

