



CONSTRUCTION EQUIPMENT

9463 VOLVO ECR145E 315030 - REAR LEFT FINAL DRIVE



Sample No: VCP431315
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 9463



SAMPLE INFORMATION

Sample Number	VCP431315	VCP405605	VCP359986	---
Sample Date	08 Jan 2024	23 Mar 2023	05 May 2022	---
Machine Hours	2987	2010	997	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

JON M HALL COMPANY
 1920 BOOTHE CIRCLE SUITE 110
 LONGWOOD, FL
 US 32750
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	292	280	276	---
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T: (407)215-0410
 F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	30	16	9	---
Sodium	ppm	0	2	2	---
Potassium	ppm	0	<1	0	---

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	163	198	109	---
Copper	ppm	2	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	6	10	6	---
Aluminum	ppm	2	2	1	---
Chromium	ppm	2	3	2	---
Molybdenum	ppm	2	3	3	---
Nickel	ppm	2	2	2	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	59	47	60	---
Magnesium	ppm	16	15	15	---
Zinc	ppm	51	53	39	---
Phosphorus	ppm	994	910	877	---
Barium	ppm	0	0	0	---
Boron	ppm	146	121	142	---

Depot: JONLON
Unique No: 10832891
Signed: Wes Davis
Report Date: 17 Jan 2024



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GRAPHS

