



CONSTRUCTION EQUIPMENT

688511 VOLVO ECR145 310112 - REAR RIGHT FINAL DRIVE



Sample No: VCP438367
Oil Type: GEAR OIL SAE 90W140
Job No: 688511



SAMPLE INFORMATION

Sample Number	VCP438367	VCP320432	VCP223843	---
Sample Date	19 Mar 2024	25 Aug 2021	17 Aug 2018	---
Machine Hours	6977	5280	2411	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

HUBBARD CONSTRUCTION
 303 WEST LANDSTREET ROAD
 ORLANDO, FL
 US 32824
 Contact: RAY BIRKO
 ray.birko@hubbard.com
 T: (407)855-3535
 F: (407)857-1282



OIL CONDITION

Visc @ 40°C	cSt	307	287	256.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	20	19	13	---
Sodium	ppm	0	4	4	---
Potassium	ppm	2	<1	0	---



WEAR METALS

Iron	ppm	289	268	289	---
Copper	ppm	2	4	2	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	3	<1	1	---
Chromium	ppm	3	2	2	---
Molybdenum	ppm	4	2	0	---
Nickel	ppm	2	2	1	---
Titanium	ppm	<1	<1	2	---
Silver	ppm	0	<1	0	---
Manganese	ppm	3	3	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	57	109	101	---
Magnesium	ppm	16	13	13	---
Zinc	ppm	53	73	86	---
Phosphorus	ppm	1094	874	754	---
Barium	ppm	2	0	<1	---
Boron	ppm	154	104	74	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 90W140. Please confirm.
 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: HUBORL
Unique No: 10942411
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

