



CONSTRUCTION EQUIPMENT

688511 VOLVO ECR145 310112 - REAR LEFT FINAL DRIVE



Sample No: VCP455121

Oil Type: {unknown}

Job No: 688511



SAMPLE INFORMATION

Sample Number	VCP455121	VCP326084	VCP223747	---
Sample Date	19 Mar 2024	25 Aug 2021	17 Aug 2018	---
Machine Hours	6977	5286	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
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OIL CONDITION

Visc @ 40°C	cSt	309	287	248.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	20	10	13	---
Sodium	ppm	3	3	5	---
Potassium	ppm	2	<1	<1	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	313	207	261	---
Copper	ppm	3	2	2	---
Lead	ppm	<1	<1	1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	3	0	1	---
Chromium	ppm	4	2	2	---
Molybdenum	ppm	4	2	0	---
Nickel	ppm	2	<1	1	---
Titanium	ppm	<1	<1	2	---
Silver	ppm	0	<1	0	---
Manganese	ppm	4	3	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	68	63	95	---
Magnesium	ppm	19	13	12	---
Zinc	ppm	75	63	91	---
Phosphorus	ppm	1693	890	698	---
Barium	ppm	3	0	<1	---
Boron	ppm	221	96	62	---

Depot: HUBORL
Unique No: 10942415
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

