



CONSTRUCTION EQUIPMENT

VOLVO EC300EL 313114 - RIGHT FINAL DRIVE



Sample No: VCP438756
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP438756	VCP417524	---	---
Sample Date	17 Apr 2024	12 Jun 2023	---	---
Machine Hours	2290	1631	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	205	205	---	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	21	14	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	4	4	---	---

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	434	284	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	12	7	---	---
Molybdenum	ppm	6	6	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	60	75	---	---
Magnesium	ppm	11	22	---	---
Zinc	ppm	60	72	---	---
Phosphorus	ppm	696	650	---	---
Barium	ppm	0	0	---	---
Boron	ppm	40	56	---	---

Depot: VOLVO0090
Unique No: 10990343
Signed: Sean Felton
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

