



CONSTRUCTION EQUIPMENT

SWA553569-10 VOLVO EC300EL 313114 - SWING DRIVE



Sample No: VCP438775
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWA553569-10



SAMPLE INFORMATION

Sample Number	VCP438775	VCP438752	---	---
Sample Date	04 May 2024	17 Apr 2024	---	---
Machine Hours	2313	2290	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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	172	173	---	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	12	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	2	2	---	---

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	941	821	---	---
Copper	ppm	35	27	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	11	10	---	---
Molybdenum	ppm	1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	12	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	10	4	---	---
Magnesium	ppm	6	0	---	---
Zinc	ppm	37	29	---	---
Phosphorus	ppm	407	394	---	---
Barium	ppm	0	0	---	---
Boron	ppm	12	1	---	---

Depot: VOLVO0090
Unique No: 11017748
Signed: Don Baldrige
Report Date: 09 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

