



CONSTRUCTION EQUIPMENT

413706 ALL COUNTRY VOLVO EC140E 314542 - SWING DRIVE



Sample No: VCP440369
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 413706 ALL COUNTRY



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP440369	VCP427183	---	---
Sample Date	13 Nov 2023	27 Jun 2023	---	---
Machine Hours	2892	2063	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	274	171	---	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	15	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	<1	3	---	---



WEAR METALS

Iron	ppm	122	736	---	---
Copper	ppm	13	75	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	<1	3	---	---
Chromium	ppm	<1	8	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	59	11	---	---
Magnesium	ppm	12	<1	---	---
Zinc	ppm	39	64	---	---
Phosphorus	ppm	921	292	---	---
Barium	ppm	0	2	---	---
Boron	ppm	139	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.

Depot: VOLVO0093
Unique No: 10765313
Signed: Wes Davis
Report Date: 30 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

