



CONSTRUCTION EQUIPMENT

IMPORT AUTO VOLVO EC220E 310953 - SWING DRIVE



Sample No: VCP437843
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: IMPORT AUTO



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	VCP437843	VCP359726	VCP337039	---
Sample Date	26 Feb 2024	21 Jul 2022	20 Jul 2021	---
Machine Hours	3107	2134	1253	---
Oil Hours	0	2134	1253	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ATTENTION	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	364	220	181	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	2	8	---
Sodium	ppm	0	0	1	---
Potassium	ppm	0	<1	<1	---



WEAR METALS

Iron	ppm	1	18	105	---
Copper	ppm	0	3	6	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	0	<1	2	---
Molybdenum	ppm	0	1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	53	64	0	---
Magnesium	ppm	3	22	0	---
Zinc	ppm	27	33	18	---
Phosphorus	ppm	1103	1291	391	---
Barium	ppm	0	0	0	---
Boron	ppm	198	234	11	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is higher than normal. Confirm oil type.

Depot: VOLVO0093
Unique No: 10996165
Signed: Don Baldrige
Report Date: 29 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

