



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 310945 - SWING DRIVE



Sample No: VCP421642

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP421642	VCP421656	---	---
Sample Date	08 Aug 2023	08 Aug 2023	---	---
Machine Hours	6796	6796	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

UNITED RENTALS

5357 NC-11 N
WINTERVILLE, NC
US 28590
Contact: SKYLAR HERRING
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T: (252)414-2088
F:



OIL CONDITION

Visc @ 40°C	cSt	44.1	45.3	---	---
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CONTAMINATION

Silicon	ppm	9	12	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	2	1	---	---



WEAR METALS

Iron	ppm	19	26	---	---
Copper	ppm	19	25	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	8	10	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	446	558	---	---
Magnesium	ppm	71	95	---	---
Zinc	ppm	487	636	---	---
Phosphorus	ppm	419	548	---	---
Barium	ppm	0	0	---	---
Boron	ppm	16	23	---	---

Diagnosis

Resample at the next service interval to monitor. NOTE: one of two samples received with same ID and sampling date. 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: UNIWINVC
Unique No: 10617020
Signed: Don Baldrige
Report Date: 24 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

