



CONSTRUCTION EQUIPMENT

94781 VOLVO EC480EL 314022 - SWING DRIVE



Sample No: VCP368106
Oil Type: GEAR OIL SAE 80W90
Job No: 94781



SAMPLE INFORMATION

Sample Number	VCP368106	VCP368103	---	---
Sample Date	08 Nov 2022	07 Nov 2022	---	---
Machine Hours	3502	3502	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
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OIL CONDITION

Visc @ 40°C	cSt	252	253	---	---
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CONTAMINATION

Silicon	ppm	16	22	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	222	268	---	---
Copper	ppm	23	23	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	13	12	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	72	83	---	---
Magnesium	ppm	22	22	---	---
Zinc	ppm	61	62	---	---
Phosphorus	ppm	862	844	---	---
Barium	ppm	0	0	---	---
Boron	ppm	108	104	---	---

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: VOLV00142
Unique No: 10215128
Signed: Sean Felton
Report Date: 11 Nov 2022



CONSTRUCTION EQUIPMENT



GRAPHS

