



CONSTRUCTION EQUIPMENT

SWA364304 VOLVO EC480E 311299 - SWING DRIVE



Sample No: VCP434994
Oil Type: GEAR OIL SAE 80W90
Job No: SWA364304



SAMPLE INFORMATION

Sample Number	VCP434994	VCP433569	---	---
Sample Date	19 Sep 2023	19 Sep 2023	---	---
Machine Hours	5873	5873	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
SYRACUSE, NY
US 13206
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OIL CONDITION

Visc @ 40°C	cSt	█ 121	█ 138	---	---
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CONTAMINATION

Water	%	---	▲ 1.82	---	---
Silicon	ppm	█ 18	█ 11	---	---
Sodium	ppm	█ 1	█ 2	---	---
Potassium	ppm	█ 1	█ 0	---	---



WEAR METALS

Iron	ppm	█ 143	█ 430	---	---
Copper	ppm	█ 9	█ 22	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 1	---	---
Aluminum	ppm	█ 2	█ 4	---	---
Chromium	ppm	█ 1	█ 5	---	---
Molybdenum	ppm	█ <1	<1	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 23	26	---	---
Magnesium	ppm	█ 4	2	---	---
Zinc	ppm	█ 18	36	---	---
Phosphorus	ppm	█ 1306	1057	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 234	159	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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: 10661355
Signed: Wes Davis
Report Date: 26 Sep 2023



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GRAPHS

