



CONSTRUCTION EQUIPMENT

SWO-068393 VOLVO EC480EL 315428 - REAR RIGHT FINAL DRIVE



Sample No: VCP447584
Oil Type: NOT GIVEN
Job No: SWO-068393



SAMPLE INFORMATION

Sample Number	VCP447584	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	482	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
BIRMINGHAM, AL
US 35207

Contact: STEPHANI BRITTON
sbritton@saiia.com;doug.bogart@wearcheck.com
T: (205)943-2268
F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	█ 174	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 910	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	14	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	11	---	---	---
Phosphorus	ppm	287	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

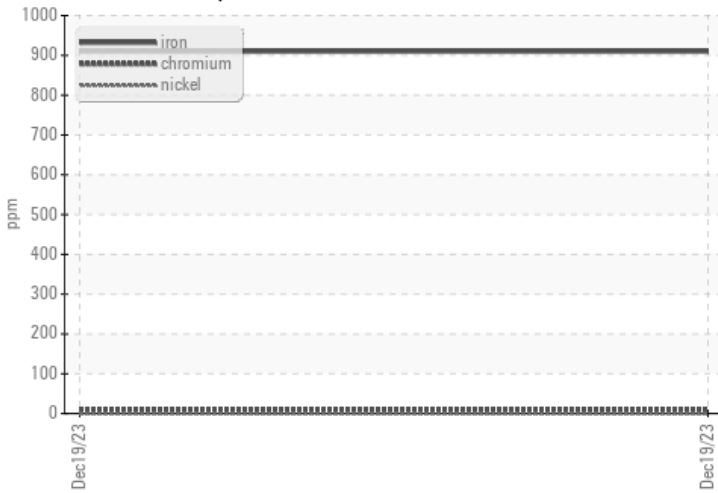
No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10804178
Signed: Jonathan Hester
Report Date: 27 Dec 2023

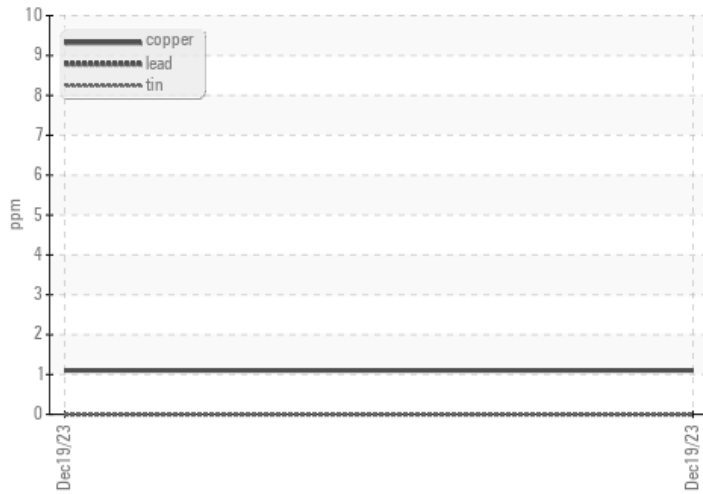


GRAPHS

▲ Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

