



CONSTRUCTION EQUIPMENT

SWA319807 VOLVO EC350EL 314349 - HYDRAULIC SYSTEM



Sample No: VCP375786

Oil Type: NOT GIVEN

Job No: SWA319807



SAMPLE INFORMATION

Sample Number	VCP375786	---	---	---
Sample Date	02 Aug 2023	---	---	---
Machine Hours	1455	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
 JIM.STRIGLE@ALTG.COM
 T: (315)437-2611
 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	█ 45.2	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.60	---	---	---



CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1174	---	---	---
Magnesium	ppm	21	---	---	---
Zinc	ppm	624	---	---	---
Phosphorus	ppm	508	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	7	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. There is a moderate amount of visible silt present in the sample. High concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Depot: VOLV00142
Unique No: 10602750
Signed: Don Baldrige
Report Date: 14 Aug 2023

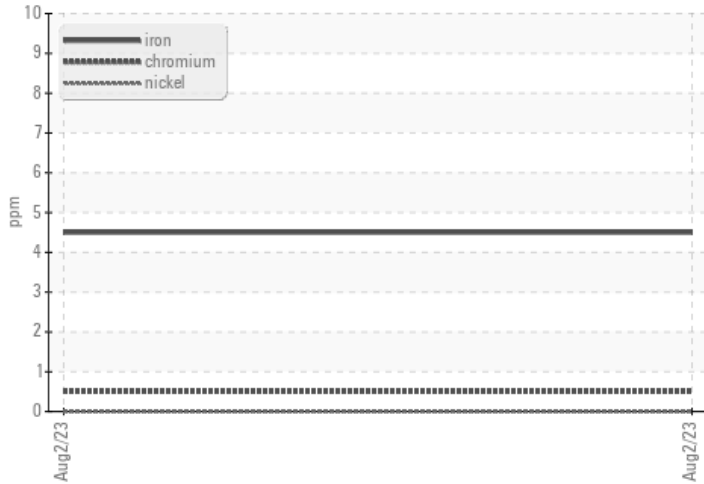


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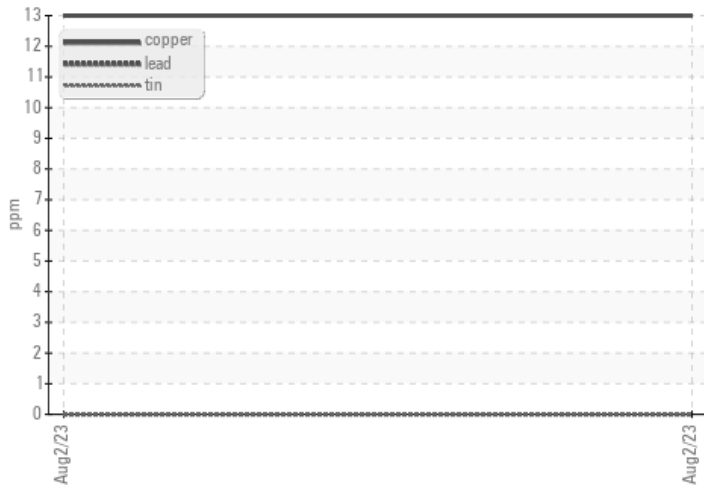


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

