



CONSTRUCTION EQUIPMENT

SWA 311337 VOLVO A60H 350076 - FRONT AXLE



Sample No: VCP409482

Oil Type: TDTO FLUID SAE 50

Job No: SWA 311337



SAMPLE INFORMATION

Sample Number	VCP409482	VCP389847	---	---
Sample Date	04 Aug 2023	07 Mar 2023	---	---
Machine Hours	9578	8318	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD

OTTAWA, IL

US 61350

Contact: ALEX MARCO

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OIL CONDITION

Visc @ 40°C	cSt	188	187	---	---
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CONTAMINATION

Silicon	ppm	10	10	---	---
Sodium	ppm	0	3	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	60	54	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	1	1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2639	2509	---	---
Magnesium	ppm	13	14	---	---
Zinc	ppm	1124	1027	---	---
Phosphorus	ppm	971	905	---	---
Barium	ppm	2	0	---	---
Boron	ppm	12	10	---	---

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: VOLVO5055

Unique No: 10603729

Signed: Wes Davis

Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

