



CONSTRUCTION EQUIPMENT

SWA311337 VOLVO A60H 350078 - TRANSMISSION



Sample No: VCP409487
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SWA311337



SAMPLE INFORMATION

Sample Number	VCP409487	---	---	---
Sample Date	04 Aug 2023	---	---	---
Machine Hours	9578	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT
613 E STEVENSON RD
OTTAWA, IL
US 61350
Contact: KEVIN SKRTICH
KEVIN.SKRTICH@ALTAEQUIPMENT.COM
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	■ 78.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 16	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 46	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	2	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1369	---	---	---
Magnesium	ppm	■ 650	---	---	---
Zinc	ppm	■ 1109	---	---	---
Phosphorus	ppm	■ 981	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 49	---	---	---

Depot: VOLVO5055
Unique No: 10603767
Signed: Don Baldrige
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT

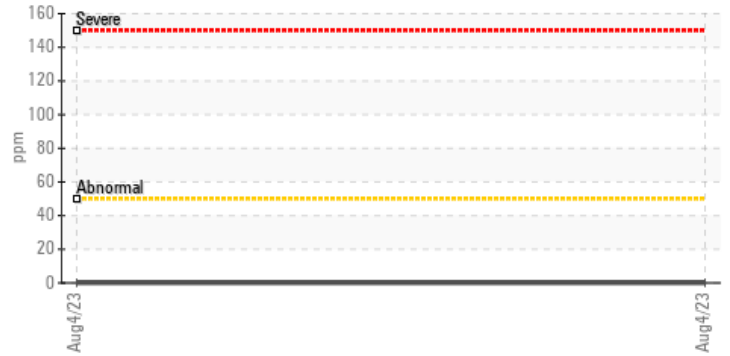


GRAPHS

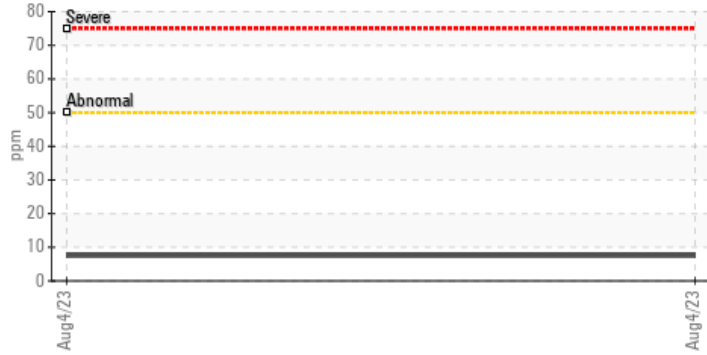
Iron (ppm)



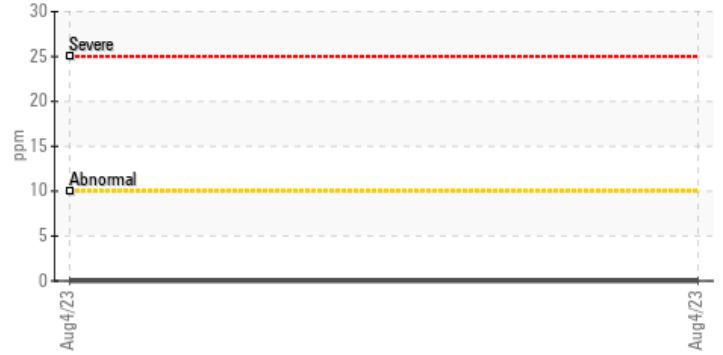
Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



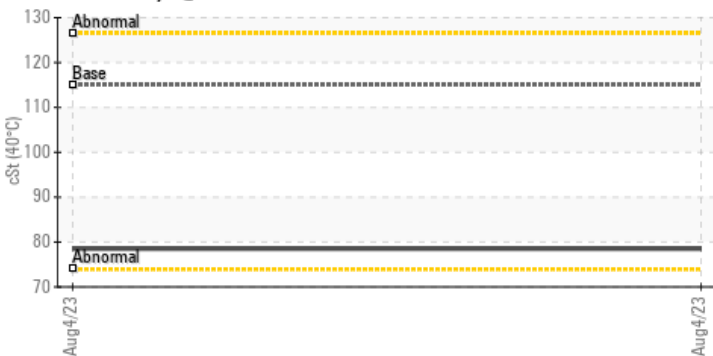
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

