



CONSTRUCTION EQUIPMENT

SPM593007 RANGO VOLVO A60H 350307 - TRANSMISSION



Sample No: VCP423336
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SPM593007 RANGO



SAMPLE INFORMATION

Sample Number	VCP423336	---	---	---
Sample Date	05 Aug 2023	---	---	---
Machine Hours	1156	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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	■ 73.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis
Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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	■ 18	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 42	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 74	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 1610	---	---	---
Magnesium	ppm	■ 558	---	---	---
Zinc	ppm	■ 1099	---	---	---
Phosphorus	ppm	■ 992	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 74	---	---	---

Depot: VOLVO5055
Unique No: 10634560
Signed: Don Baldrige
Report Date: 08 Sep 2023



CONSTRUCTION EQUIPMENT

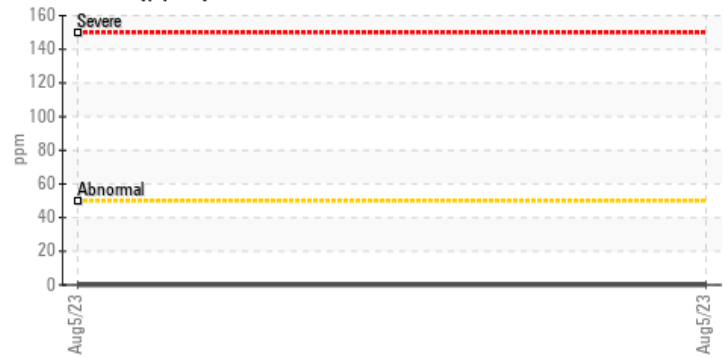


GRAPHS

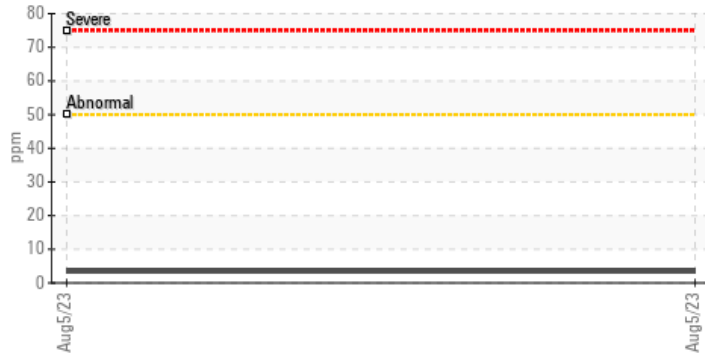
Iron (ppm)



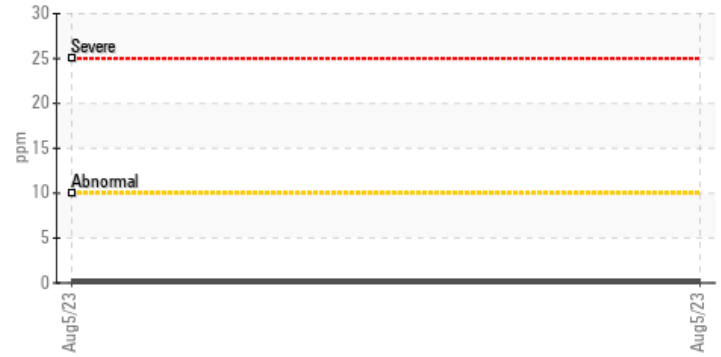
Lead (ppm)



Aluminum (ppm)



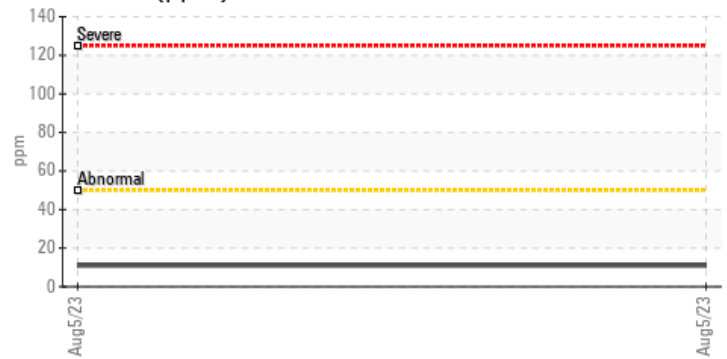
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

