



# CONSTRUCTION EQUIPMENT

USED SALES VOLVO A60H 340106 - TRANSMISSION



**Sample No:** VCP421613  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** USED SALES



## SAMPLE INFORMATION

Sample Number	<b>VCP421613</b>	VCP400522	---	---
Sample Date	<b>27 Jul 2023</b>	14 Mar 2023	---	---
Machine Hours	<b>0</b>	11630	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

**ALTA CONSTRUCTION EQUIPMENT**  
 613 E STEVENSON RD  
 OTTAWA, IL  
 US 61350  
 Contact: ALEX MARCO  
 ALEXANDER.MARCO@ALTG.COM  
 T:  
 F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>82.0</b>	83.0	---	---
-------------	-----	-------------	------	-----	-----



## CONTAMINATION

Silicon	ppm	<b>6</b>	10	---	---
Sodium	ppm	<b>4</b>	4	---	---
Potassium	ppm	<b>&lt;1</b>	2	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>19</b>	13	---	---
Copper	ppm	<b>7</b>	4	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>5</b>	3	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>73</b>	96	---	---
Nickel	ppm	<b>&lt;1</b>	1	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>&lt;1</b>	<1	---	---
Manganese	ppm	<b>&lt;1</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>1515</b>	2304	---	---
Magnesium	ppm	<b>674</b>	72	---	---
Zinc	ppm	<b>1288</b>	1266	---	---
Phosphorus	ppm	<b>1109</b>	1162	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>53</b>	144	---	---

**Depot:** VOLVO5055  
**Unique No:** 10575878  
**Signed:** Don Baldrige  
**Report Date:** 30 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

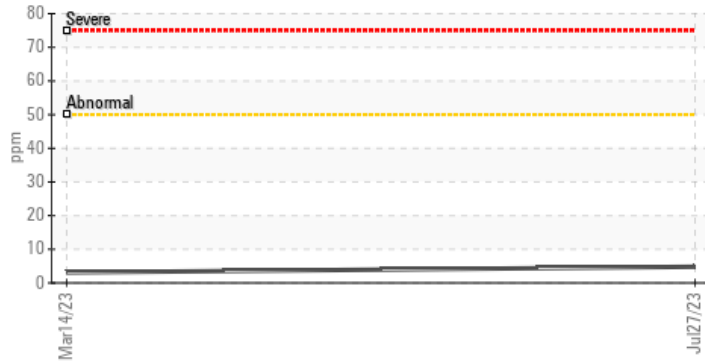
### Iron (ppm)



### Lead (ppm)



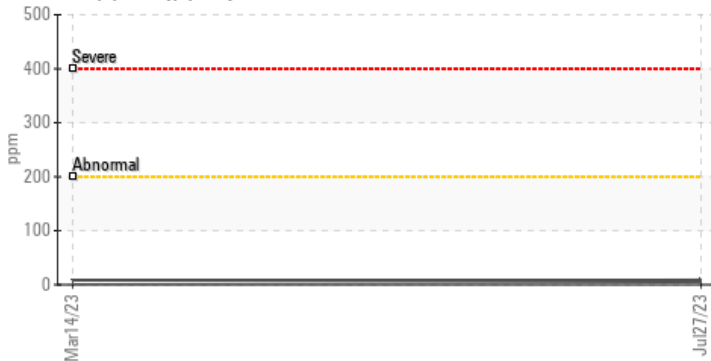
### Aluminum (ppm)



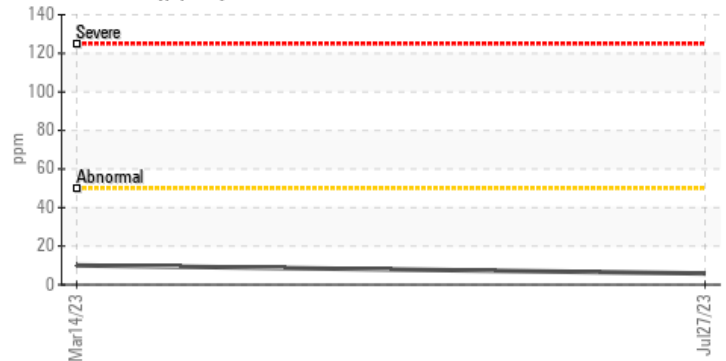
### Chromium (ppm)



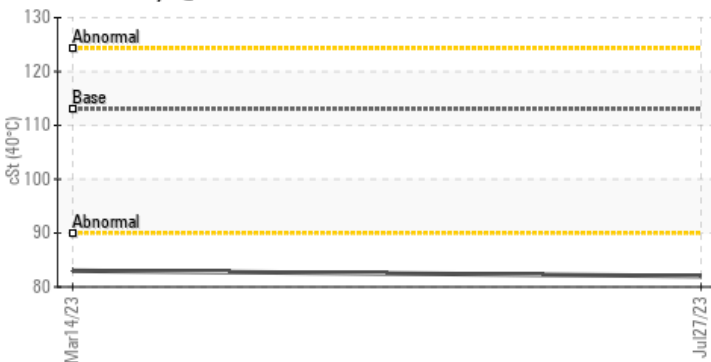
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

