



# CONSTRUCTION EQUIPMENT

## GBV600 IAA UNIT1 VOLVO L90H 624060 - TRANSMISSION



**Sample No:** VCP245015  
**Oil Type:** NOT GIVEN  
**Job No:** GBV600 IAA UNIT1



### SAMPLE INFORMATION

Sample Number	VCP245015	VCP226131	---	---
Sample Date	25 Jun 2019	13 Oct 2018	---	---
Machine Hours	4478	2717	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

**ARNOLD MACHINERY COMPANY**  
 4323 EAST WINSLOW AVENUE  
 PHOENIX, AZ  
 US 85040  
 Contact: RANDY PRZEKURAT  
 randyp@arnoldmachinery.com  
 T:  
 F: (602)414-1904



### OIL CONDITION

Visc @ 40°C	cSt	26.1	257.7	---	---
-------------	-----	------	-------	-----	-----



### CONTAMINATION

Silicon	ppm	13	14	---	---
Sodium	ppm	10	9	---	---
Potassium	ppm	8	3	---	---



### WEAR METALS

Iron	ppm	150	143	---	---
Copper	ppm	13	12	---	---
Lead	ppm	0	2	---	---
Tin	ppm	2	<1	---	---
Aluminum	ppm	6	4	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	11	12	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	187	222	---	---
Magnesium	ppm	6	6	---	---
Zinc	ppm	88	99	---	---
Phosphorus	ppm	158	209	---	---
Barium	ppm	4	4	---	---
Boron	ppm	30	40	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO6174  
**Unique No:** 8653899  
**Signed:** Jonathan Hester  
**Report Date:** 02 Jul 2019

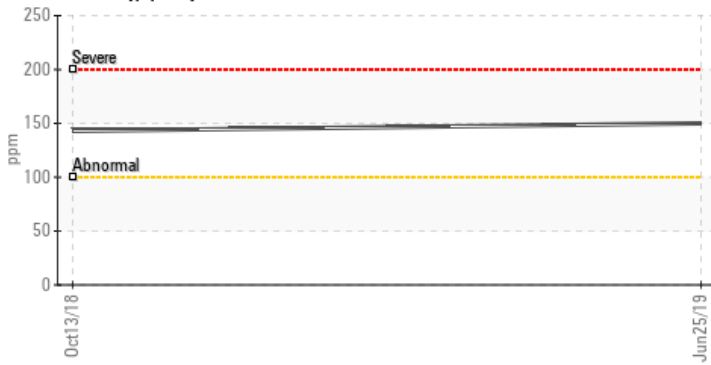


# CONSTRUCTION EQUIPMENT



## GRAPHS

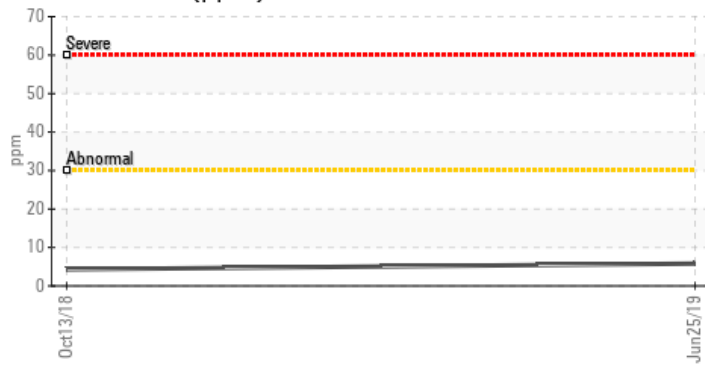
### ▲ Iron (ppm)



### Lead (ppm)



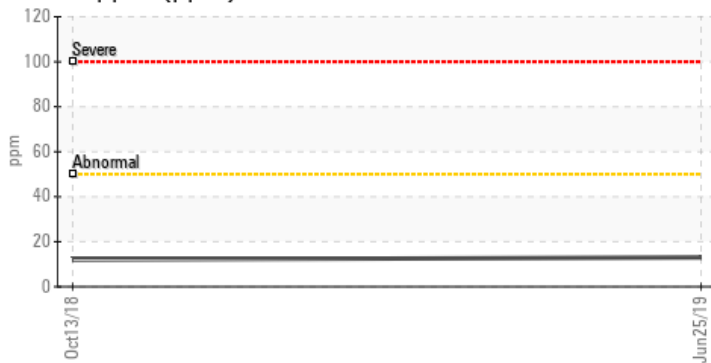
### Aluminum (ppm)



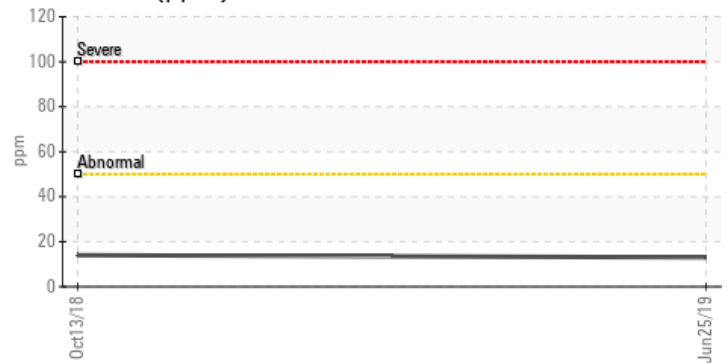
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C

