



# CONSTRUCTION EQUIPMENT

## SW1022825 HYDRO ALUM VOLVO L60H 62256 - TRANSMISSION (AUTO)



**Sample No:** VCP417386  
**Oil Type:** DEXRON III  
**Job No:** SW1022825 HYDRO ALUM



### SAMPLE INFORMATION

Sample Number	VCP417386	VCP381516	---	---
Sample Date	14 Aug 2023	13 Apr 2023	---	---
Machine Hours	5326	4627	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
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	█ 29.9	█ 31.7	---	---
-------------	-----	--------	--------	-----	-----



### CONTAMINATION

Silicon	ppm	█ 6	█ 10	---	---
Sodium	ppm	█ 5	█ 6	---	---
Potassium	ppm	█ 2	█ <1	---	---



### WEAR METALS

Iron	ppm	█ 142	▲ 294	---	---
Copper	ppm	█ 8	█ 10	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	▲ 23	▲ 50	---	---
Aluminum	ppm	█ 4	█ 5	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ <1	█ 0	---	---
Manganese	ppm	█ 6	█ 11	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	█ 69	█ 69	---	---
Magnesium	ppm	█ 2	█ <1	---	---
Zinc	ppm	█ 56	█ 89	---	---
Phosphorus	ppm	█ 177	█ 153	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 68	█ 52	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The tin level has decreased, but is still abnormal. All other 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.

**Depot:** VOLVO6174  
**Unique No:** 10608467  
**Signed:** Don Baldrige  
**Report Date:** 21 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

