



# CONSTRUCTION EQUIPMENT

SWO-063209 VOLVO A30G 742048 - DROP BOX



**Sample No:** VCP414011  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO-063209



## SAMPLE INFORMATION

Sample Number	<b>VCP414011</b>	VCP380974	VCP372985	---
Sample Date	<b>31 Jul 2023</b>	10 Jan 2023	10 Jul 2022	---
Machine Hours	<b>8911</b>	8548	8263	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	ATTENTION	NORMAL	---

### WHITAKER CONTRACTING

692 CONVICT CAMP RD  
GUNTERVILLE, AL  
US 35976

Contact: BROTHER WHITAKER  
BrotherWhitaker@whitaker-contracting.com  
T: (256)298-3905  
F:



## OIL CONDITION

Visc @ 40°C	cSt	<b>246</b>	213	61.7	---
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## CONTAMINATION

Silicon	ppm	<b>4</b>	29	25	---
Sodium	ppm	<b>0</b>	3	4	---
Potassium	ppm	<b>0</b>	2	0	---



## WEAR METALS

Iron	ppm	<b>86</b>	187	45	---
Copper	ppm	<b>5</b>	2	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>&lt;1</b>	8	3	---
Chromium	ppm	<b>2</b>	2	<1	---
Molybdenum	ppm	<b>5</b>	7	14	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>0</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	2	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>106</b>	343	1419	---
Magnesium	ppm	<b>22</b>	54	82	---
Zinc	ppm	<b>69</b>	109	577	---
Phosphorus	ppm	<b>971</b>	904	678	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>229</b>	144	75	---

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** WHIGUN  
**Unique No:** 10588358  
**Signed:** Wes Davis  
**Report Date:** 05 Aug 2023



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## GRAPHS

