



# CONSTRUCTION EQUIPMENT

## 19096 VOLVO A45G 353355 - DROP BOX



**Sample No:** VCP426889  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 19096



### SAMPLE INFORMATION

Sample Number	VCP426889	VCP425622	---	---
Sample Date	07 Jul 2023	03 Apr 2023	---	---
Machine Hours	946	558	---	---
Oil Hours	946	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

**GAINES & CO**  
 526 THREE SISTERS RD  
 KNIGHTDALE, NC  
 US 27545  
 Contact: BEAR PERONE  
 gperone@gainesandco.com  
 T: (919)524-4711  
 F: (919)944-0091



### OIL CONDITION

Visc @ 40°C	cSt	█ 49.4	█ 49.6	---	---
-------------	-----	--------	--------	-----	-----



### CONTAMINATION

Silicon	ppm	█ 32	█ 32	---	---
Sodium	ppm	█ 6	█ 7	---	---
Potassium	ppm	█ 3	█ 1	---	---

### Diagnosis

Resample at the next service interval to monitor. 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.



### WEAR METALS

Iron	ppm	█ 56	█ 48	---	---
Copper	ppm	█ 4	█ 5	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 8	8	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	2	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	█ 37	40	---	---
Magnesium	ppm	█ 5	13	---	---
Zinc	ppm	█ 51	55	---	---
Phosphorus	ppm	█ 2294	2313	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 183	208	---	---

**Depot:** GAIKNI  
**Unique No:** 10552882  
**Signed:** Sean Felton  
**Report Date:** 14 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

