



# CONSTRUCTION EQUIPMENT

18932 CONTI VOLVO A45G 352308 - DROP BOX



**Sample No:** VCP410924  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 18932 CONTI



## SAMPLE INFORMATION

Sample Number	VCP410924	---	---	---
Sample Date	19 Jun 2023	---	---	---
Machine Hours	2082	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

2002 N GREENE ST  
 GREENVILLE, NC  
 US 27834  
 Contact: BRANDON JENKINS  
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM  
 T:  
 F: (704)494-8197



## OIL CONDITION

Visc @ 40°C	cSt	█ 45.9	---	---	---
-------------	-----	--------	-----	-----	-----



## CONTAMINATION

Silicon	ppm	▲ 95	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 3	---	---	---

**Diagnosis**  
 The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 160	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 14	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 47	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 153	---	---	---
Phosphorus	ppm	█ 2333	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 129	---	---	---

**Depot:** VOLVO8769  
**Unique No:** 10538970  
**Signed:** Sean Felton  
**Report Date:** 05 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

