



# CONSTRUCTION EQUIPMENT

CHARAH VOLVO A30G 752545 - DIESEL ENGINE



**Sample No:** VCP404933

**Oil Type:** NOT GIVEN

**Job No:** CHARAH



## SAMPLE INFORMATION

Sample Number	VCP404933	---	---	---
Sample Date	06 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



**SCOTT EQUIPMENT COMPANY LLC - Springdale**  
 4831 NORTH THOMPSON  
 SPRINGDALE, AR  
 US 72764  
 Contact: DERRICK BRINK  
 dbrink@scottcompanies.com  
 T: (479)751-4242  
 F:



## OIL CONDITION

Visc @ 100°C	cSt	█ 15.0	---	---	---
Base Number (BN)	mg KOH/g	█ 8.5	---	---	---
Oxidation (PA)	%	█ 13	---	---	---



## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 35	---	---	---
Sulfation (PA)	%	█ 51	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	▲ 269	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2404	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 990	---	---	---
Phosphorus	ppm	█ 1130	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 62	---	---	---

## Diagnosis

We suspect abnormal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor. Cylinder, crank, or cam shaft wear is indicated. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is suitable for further service.

**Depot:** SCOSPR  
**Unique No:** 10547693  
**Signed:** Doug Bogart  
**Report Date:** 09 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

