



# CONSTRUCTION EQUIPMENT

X58891 VOLVO A25G 752900 - DIESEL ENGINE



**Sample No:** VCP426016  
**Oil Type:** NOT GIVEN  
**Job No:** X58891



## SAMPLE INFORMATION

Sample Number	VCP426016	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	522	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**SCOTT EQUIPMENT COMPANY LLC - Saint Rose**  
 PO BOX 997  
 SAINT ROSE, LA  
 US 70087  
 Contact: DENISE CORVERS  
 dcorvers@scottcompanies.com  
 T: (504)461-0961  
 F: (504)461-0970



## OIL CONDITION

Visc @ 100°C	cSt	11.2	---	---	---
Base Number (BN)	mg KOH/g	6.5	---	---	---
Oxidation (PA)	%	60	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.2	---	---	---
Nitration (PA)	%	78	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.5	---	---	---
Silicon	ppm	24	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	7	---	---	---



## WEAR METALS

Iron	ppm	20	---	---	---
Copper	ppm	410	---	---	---
Lead	ppm	8	---	---	---
Tin	ppm	3	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	65	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	2	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	2373	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	1273	---	---	---
Phosphorus	ppm	992	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	69	---	---	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** SCOSAI  
**Unique No:** 10753996  
**Signed:** Jonathan Hester  
**Report Date:** 30 Nov 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

