



# CONSTRUCTION EQUIPMENT

SWO070237 VOLVO A45G 342583 - DIESEL ENGINE



**Sample No:** VCP436705  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:** SWO070237



## SAMPLE INFORMATION

Sample Number	VCP436705	---	---	---
Sample Date	12 Mar 2024	---	---	---
Machine Hours	3777	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**PARTON CONTRACTING INC**  
543 WES TAYLOR RD  
HUNTSVILLE, AL  
US 35811  
Contact:



## OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 7.4	---	---	---
Oxidation (PA)	%	66	---	---	---

T:  
F:

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.  
All component wear rates are normal. 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 suitable for further service.



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	60	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 6	---	---	---



## WEAR METALS

Iron	ppm	█ 23	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2151	---	---	---
Magnesium	ppm	█ 38	---	---	---
Zinc	ppm	█ 1196	---	---	---
Phosphorus	ppm	█ 1011	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 163	---	---	---

**Depot:** PARHUN  
**Unique No:** 10938288  
**Signed:** Wes Davis  
**Report Date:** 21 Mar 2024



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## GRAPHS

