



# CONSTRUCTION EQUIPMENT

## VOLVO L35G 3424246 - DIESEL ENGINE



**Sample No:** VCP449986

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP449986	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	979	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: JUSTIN KENNEDY  
 JUSTIN.KENNEDY@ALTG.COM  
 T:  
 F: (407)659-8720



### OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 7.3	---	---	---
Oxidation (PA)	%	49	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Cause of power loss is not indicated. All component wear rates are normal. 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.



### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	44	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.9	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 64	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 1337	---	---	---
Magnesium	ppm	█ 305	---	---	---
Zinc	ppm	█ 996	---	---	---
Phosphorus	ppm	█ 826	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 198	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 11109451  
**Signed:** Doug Bogart  
**Report Date:** 10 Jul 2024



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## GRAPHS

