



# CONSTRUCTION EQUIPMENT

131415 ROSE PROP MAI SDLG 640205 - DIESEL ENGINE



**Sample No:** VCE197969  
**Oil Type:** NAPA 10W30  
**Job No:** 131415 ROSE PROP MAI



## SAMPLE INFORMATION

Sample Number	VCE197969	---	---	---
Sample Date	31 Oct 2023	---	---	---
Machine Hours	92	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**THE GW VAN KEPPEL CO MAIN**  
 1801 NORTH 9TH STREET  
 KANSAS CITY, KS  
 US 66101  
 Contact: RUSTY COONS  
 rcoons@vankeppel.com  
 T: (913)233-3881  
 F: (913)281-4815

## OIL CONDITION

Visc @ 100°C	cSt	13.3	---	---	---
Oxidation (PA)	%	45	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	36	---	---	---
Sulfation (PA)	%	49	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	18	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	3	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

## WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	8	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	51	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	1953	---	---	---
Magnesium	ppm	284	---	---	---
Zinc	ppm	1176	---	---	---
Phosphorus	ppm	940	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	344	---	---	---

**Depot:** VOLVO0111  
**Unique No:** 10753556  
**Signed:** Don Baldrige  
**Report Date:** 24 Nov 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

