



# CONSTRUCTION EQUIPMENT

X59122 TADANO GR350 562344 - DIESEL ENGINE



**Sample No:** VCP441131  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** X59122



## SAMPLE INFORMATION

Sample Number	VCP441131	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	1959	---	---	---
Oil Hours	1959	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	MARGINAL	---	---	---

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



## OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 7.7	---	---	---
Oxidation (PA)	%	89	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Metal levels are typical for a components first oil change. Light fuel dilution occurring. No other contaminants were detected 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)	%	80	---	---	---
Sulfation (PA)	%	63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 17	---	---	---
Copper	ppm	█ 34	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 42	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 1540	---	---	---
Magnesium	ppm	█ 505	---	---	---
Zinc	ppm	█ 1175	---	---	---
Phosphorus	ppm	█ 855	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 28	---	---	---

**Depot:** SCOSAI  
**Unique No:** 10844821  
**Signed:** Wes Davis  
**Report Date:** 25 Jan 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

