CONSTRUCTION EQUIPMENT X47525 TADANO GR550XL 541976 - DIESEL ENGINE

VCP432814

Sample No:	VCP432814
Oil Type:	DIESEL ENGINE OIL SAE 15W40
Job No:	X47525

## SAMPLE INFORMATION

Sample Number

Sample Date		11 Sep 2023	 	
Machine Hours		1970	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		MARGINAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.4	 	
Base Number (BN)	mg KOH/g	7.6	 	
Oxidation (PA)	%	58	 	
CONTAMIN	NATION			
Soot %	%	∎0.1	 	
Nitration (PA)	%	61	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<b>4</b> .4	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	

Potassium

ppm

1

WEAR METALS 17 Iron ppm Copper 5 ppm Lead 0 🔲 ppm Tin ■ <1 ppm Aluminum ppm 7 Chromium ppm 1 Molybdenum 55 ppm Nickel ppm **||** <1 Titanium 0 ppm Silver 0 🔲 ppm Manganese ppm **||** <1 Vanadium 0 ppm

Variaului

ADDITI	VES			
Calcium	ppm	1643	 	
Magnesium	ppm	376	 	
Zinc	ppm	<b>1207</b>	 	
Phosphorus	ppm	973	 	
Barium	ppm	0	 	
Boron	ppm	3	 	



SCOTT EQUIPMENT COMPANY LLC - Lake Charles

PO BOX 16955 LAKE CHARLES, LA US 70616 Contact: TINA LEDOUX tledoux@scottcompanies.com T: (337)433-9811 F: (318)433-6623

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. 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.

 Depot:
 VOLVO6244

 Unique No:
 10657331

 Signed:
 Wes Davis

 Report Date:
 21 Sep 2023

Report Id: VOLVO6244 [WUSCAR] 05956118 (Generated: 09/21/2023 09:43:51) Rev: 1

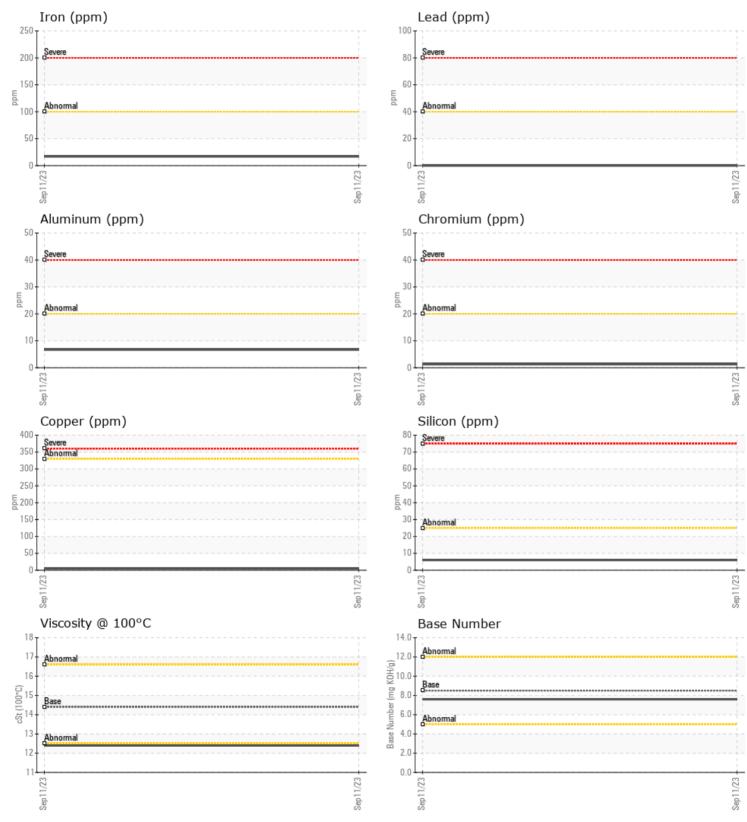
Contact/Location: TINA LEDOUX - VOLVO6244

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: TINA LEDOUX - VOLVO6244