# CONSTRUCTION EQUIPMENT

Sample No:VCP425153Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:SPM619466 MBP

## Sample Number VCP425153

VOLVO

Sample Date		12 Oct 2023	 	
Machine Hours		150	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDIT	.IUN			
Visc @ 100°C	cSt	<b>12.4</b>	 	
Base Number (BN)	mg KOH/g	9.7	 	
Oxidation (PA)	%	84	 	
CONTAMIN	ΛΤΙΟΝ			
	ATION			
Soot %	%	<b>0.1</b>	 	
Nitration (PA)	%	56	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	3.8	 	
Silicon	ppm	<b>1</b> 4	 	
Sodium	ppm	<b>4</b>	 	
Potassium				

Potassium

### WEAR METALS 4 Iron ppm Copper 1 ppm Lead 0 🔲 ppm Tin ■ <1 ppm Aluminum ppm 2 Chromium ppm <1 Molybdenum 39 ppm Nickel ppm **||** <1 Titanium ppm ■ <1 Silver 0 ppm Manganese ppm 0 Vanadium ppm <1

Vandela

ADDITIVES								
Calcium	ppm	<b>1509</b>						
Magnesium	ppm	507						
Zinc	ppm	<b>905</b>						
Phosphorus	ppm	753						
Barium	ppm	0						
Boron	ppm	76						



ALTA EQUIPMENT CO - ORLAND PARK 5000 INDUSTRIAL HWY

GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 E:

### 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 new component breaking in. 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:
 VOLVO8885

 Unique No:
 10712807

 Signed:
 Wes Davis

 Report Date:
 30 Oct 2023

Report ld: VOLVO8885 [WUSCAR] 05990145 (Generated: 10/30/2023 10:10:47) Rev: 1

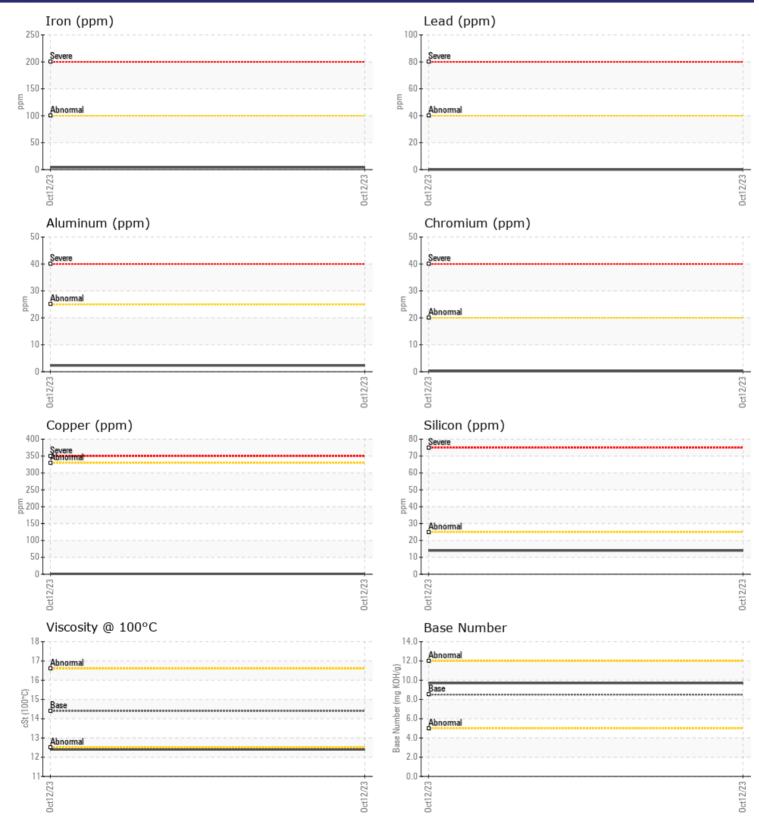
Contact/Location: DAVE ENG - VOLVO8885

### **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 05990145 (Generated: 10/30/2023 10:10:50) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885