## CONSTRUCTION EQUIPMENT SPM620033 DGI-MENARD VOLVO EC480E 315024 - DIESEL ENG

Sample No: VCP427360

VOLVO

Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:SPM620033 DGI-MENARD

## SAMPLE INFORMATION

Sample Number		VCP427360	 	
Sample Date		19 Oct 2023	 	
Machine Hours		1075	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
	אחודות			
Visc @ 100°C	cSt	12.5	 	
Base Number (BN	) mg KOH/g	5.7	 	
Oxidation (PA)	%	69	 	
	INATION			
Soot %	%	0.1	 	
Nitration (PA)	%	82	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>18</b>	 	



#### ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Potassium	

ppm

ppm

3

**4** 

Sodium

VOLVO				
WEAR I	METALS			
Iron	ppm	9	 	
Copper	ppm	6	 	
Lead	ppm	<b></b> <1	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	8	 	
Nickel	ppm		 	
Titanium	ppm	81	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	<1	 	

Variadal

ADDITI	VES			
Calcium	ppm	<b>1625</b>	 	
Magnesium	ppm	381	 	
Zinc	ppm	<b>1137</b>	 	
Phosphorus	ppm	951	 	
Barium	ppm	0	 	
Boron	ppm	59	 	

 Depot:
 VOLVO8885

 Unique No:
 10712798

 Signed:
 Wes Davis

 Report Date:
 27 Oct 2023

Report Id: VOLVO8885 [WUSCAR] 05990136 (Generated: 10/27/2023 04:32:16) Rev: 1

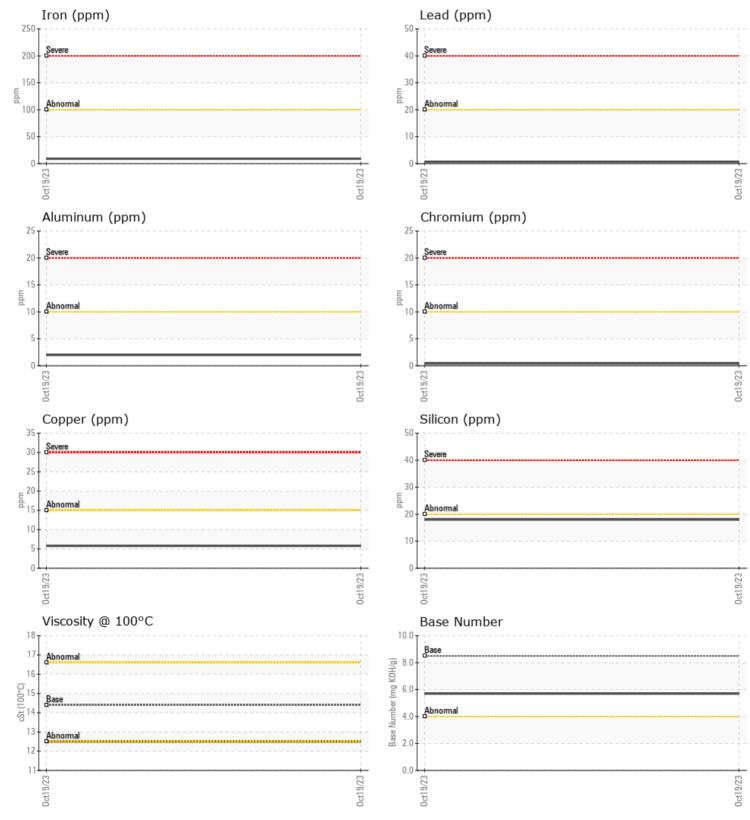
Contact/Location: DAVE ENG - VOLVO8885

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: DAVE ENG - VOLVO8885