## CONSTRUCTION EQUIPMENT

Sample No:VCP452554Oil Type:DIESEL ENGINE OIL SAE 15W40

Job No: SPM716276 HOLCIM

TOTATO

	NFORMATION			
Sample Number	I ONMATION	VCP452554	 	
•			 	
Sample Date Machine Hours		20 May 2024	 	
		478 0		
Oil Hours			 	
Oil Changed		Changed		
Sample Status		ATTENTION	 	
VOLVO				
V OIL CONDI	TION			
Visc @ 100°C	cSt	10.7	 	
Base Number (BN)	mg KOH/g	<b>4.9</b>	 	
Oxidation (PA)	%	66	 	
	-	NEC		
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	84	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	0.9	 	
Silicon	ppm	30	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	6	 	
VOLVO				
VEAR ME	TALS			
Iron	ppm	17	 	
Copper	ppm	98	 	
Lead	ppm	■ <1	 	
Tin	ppm	2	 	
Aluminum	ppm	3	 	
Chromium	ppm	0	 	
Molybdenum	ppm	85	 	
Nickel	ppm	2	 	
Titanium	ppm	<b>  </b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
	5		 	
Calcium	ppm	2216	 	
Magnesium	ppm	38	 	
Zinc	ppm	1197	 	
Phosphorus	ppm	1003	 	
Barium	ppm	<b>1</b>	 	
Boron	ppm	26	 	
	P.P			

ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: MARK DEROSA mark.derosa@altg.com T: (248)356-5200 F:

## Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO8885

 Unique No:
 11059517

 Signed:
 Jonathan Hester

 Report Date:
 11 Jun 2024

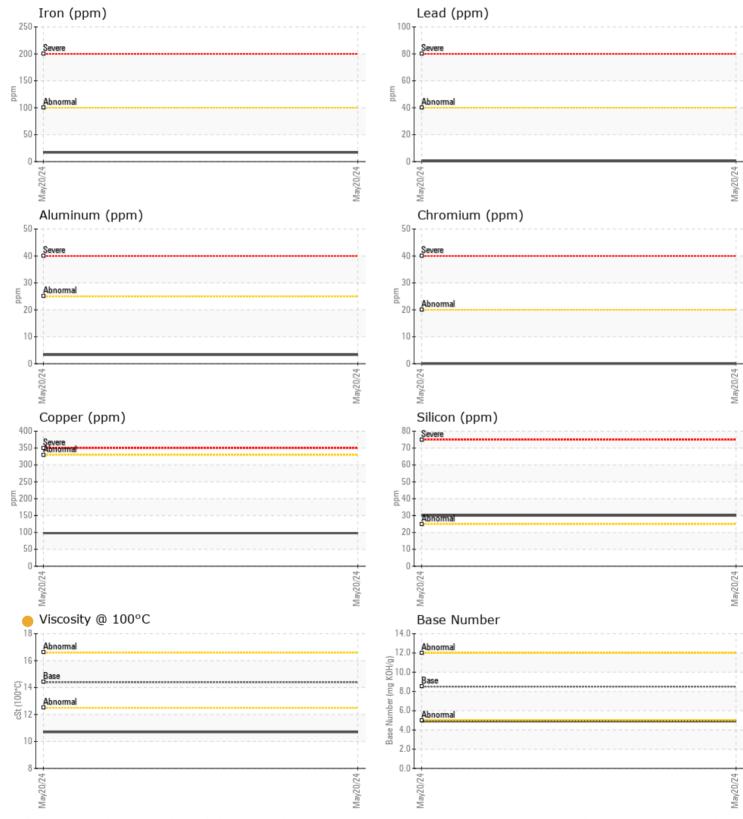
Contact/Location: MARK DEROSA - VOLVO8885

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06197394 (Generated: 06/11/2024 08:48:08) Rev: 1

Contact/Location: MARK DEROSA - VOLVO8885