## **CONSTRUCTION EQUIPMENT** SPM702758 WM VOLVO L150H 7283 - DIESEL ENGINE



Sample No: VCP446993 **Oil Type: DIESEL ENGINE OIL SAE 15W40** Job No: SPM702758 WM

VOLVO

WEAR METALS

Iron

Lead

Tin

Copper

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

VOLVO						
	FORMATION					
Sample Number		VCP446993				
Sample Date		29 Apr 2024				
Machine Hours		423				
Oil Hours		0				
Oil Changed		Changed				
Sample Status		ABNORMAL				
Visc @ 100°C	cSt	11.0				
Base Number (BN)	mg KOH/g	6.3				
Oxidation (PA)	%	55				
CONTAMINATION						
Water	%	NEG				
Soot %	%	■0.1				
Nitration (PA)	%	74				
Sulfation (PA)	%	51				
Glycol	%	NEG				
Fuel	%	2.8				
Silicon	ppm	22				
Sodium	ppm	<b>4</b>				
Potassium	ppm	2				

## **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

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other 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:	11029617		
Signed:	Don Baldridge		
Report Date:	17 May 2024		

Contact/Location: DAVE ENG - VOLVO8885

13 ppm 103 ppm 1 🗌 ppm ppm <1 2 ppm 0 ppm ppm 84 0 ppm 0 🔲 ppm 0 ppm 2 ppm ppm <1 **ADDITIVES** 2279 ppm **47** ppm 1192 ppm 1030 ppm 0 🔲 ppm

Report Id: VOLVO8885 [WUSCAR] 06178291 (Generated: 05/17/2024 10:42:44) Rev: 1

ppm

50

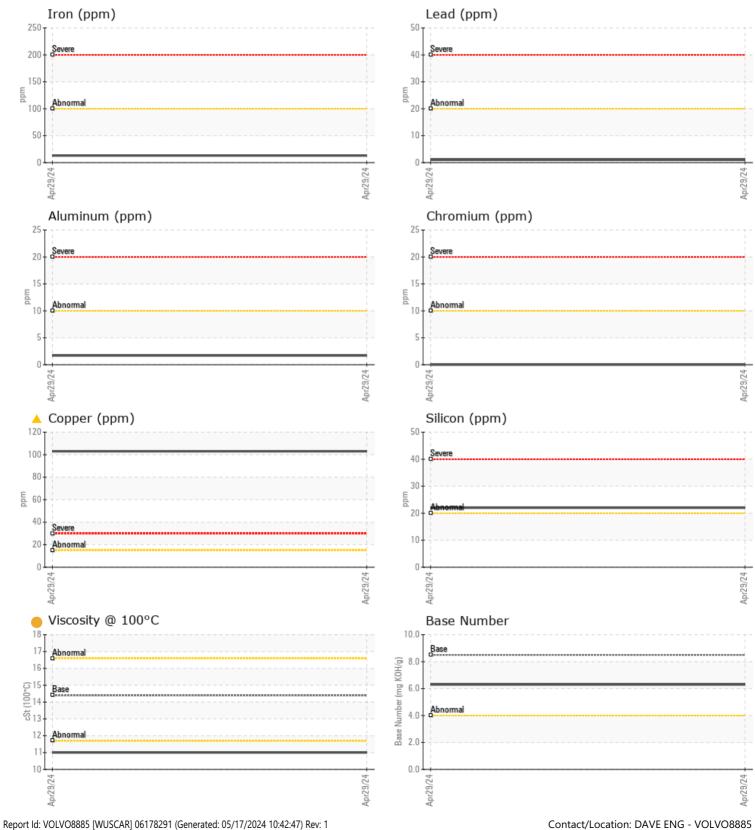
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: DAVE ENG - VOLVO8885