CONSTRUCTION EQUIPMENT SWA441544 CONC SPEC VOLVO L110H 632329 - DIESEL ENGINE

Sample No:VCP433840Oil Type:DIESEL ENGINE OIL SAE 15W40

Potassium

Vanadium

ppm

ppm

WEAR METALS

VOLVO

Job No: SWA441544 CONC SPEC

VOLVO								
SAMPLE INFORMATION								
Sample Number		VCP433840						
Sample Date		19 Dec 2023						
Machine Hours		779						
Oil Hours		0						
Oil Changed		Changed						
Sample Status		ABNORMAL						
Visc @ 100°C	cSt	12.7						
Base Number (BN)	mg KOH/g	8.6						
Oxidation (PA)	%	79						
CONTAMINATION								
Water	%	NEG						
Soot %	%	0.5						
Nitration (PA)	%	73						
Sulfation (PA)	%	63						
Glycol	%	NEG						
Fuel	%	<1.0						
Silicon	ppm	17						
Sodium	ppm	6						



ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD OTTAWA, IL US 61350 Contact: KEVIN SKRTICH KEVIN.SKRTICH@ALTAEQUIPMENT.COM T: 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 aluminum level is abnormal. All other 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 acceptable for the time in service.

Iron	ppm	37	
Copper	ppm	21	
Lead	ppm	4	
Tin	ppm	□ 4	
Aluminum	ppm	4 1	
Chromium	ppm	3	
Molybdenum	ppm	36	
Nickel	ppm	■ <1	
Titanium	ppm	□ <1	
Silver	ppm	∎1	
Manganese	ppm	3	

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3

ADDITIVES Calcium 1387 ppm Magnesium 564 ppm ppm Zinc 1050 931 Phosphorus ppm **1**8 Barium ppm 44 Boron ppm

 Depot:
 VOLVO5055

 Unique No:
 10847963

 Signed:
 Don Baldridge

 Report Date:
 29 Jan 2024

Report Id: VOLVO5055 [WUSCAR] 06071286 (Generated: 01/29/2024 19:51:08) Rev: 1

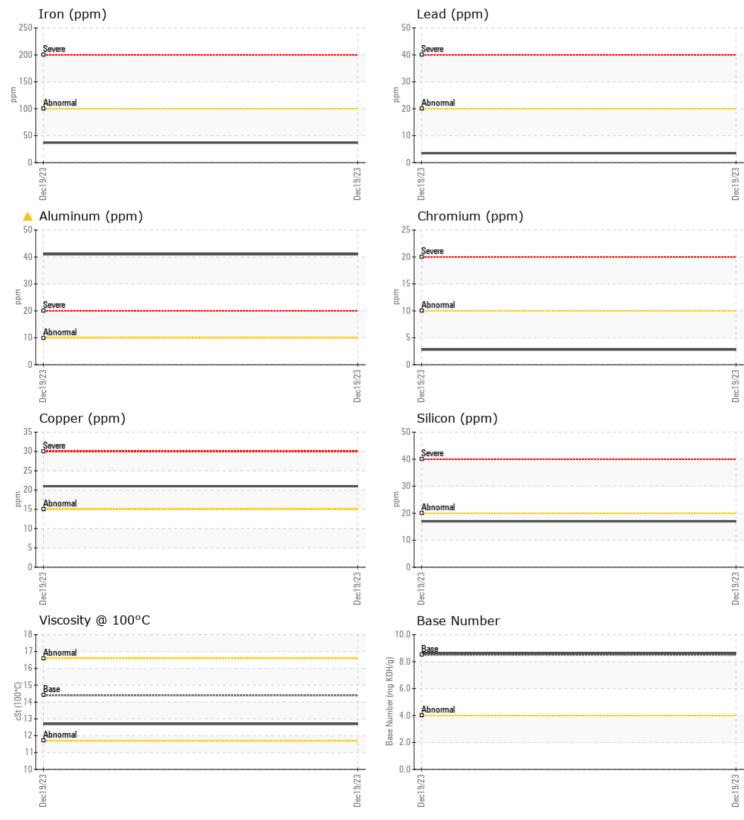
Contact/Location: KEVIN SKRTICH - VOLVO5055

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KEVIN SKRTICH - VOLVO5055