## CONSTRUCTION EQUIPMENT SWA311369 RANGO VOLVO A60H 340046 - DIESEL ENGINE

Sample No: VCP422927 **Oil Type: DIESEL ENGINE OIL SAE 15W40** 

VOLVO

Job No: SWA311369 RANGO

	NFORMATION				
Sample Number		VCP422927		 	
•					
Sample Date		21 Jul 2023		 	
Machine Hours		11289		 	
Oil Hours		0		 	
Oil Changed		Changed		 	
Sample Status		ABNORMAL		 	
VOLVO					
🔰 OIL CONDI	TION				
Visc @ 100°C	cSt	12.79		 	
Base Number (BN)		7.8		 	
Oxidation (PA)	%	68		 	
VOLVO					
CONTAMI	VATION				
Soot %	%	0.9		 	
Nitration (PA)	%	78		 	
Sulfation (PA)	%	60		 	
Glycol	%	NEG		 	
Fuel	%	<1.0		 	
Silicon	ppm	<b>6</b> 1		 	
Sodium	ppm	5		 	
Potassium	ppm	5		 	
WEAR ME	τλις				
			<u>-</u>	_	
Iron	ppm	52		 	
Copper	ppm	284		 	
Lead	ppm	2		 	
Tin	ppm	<b>4</b>		 	
Aluminum	ppm	9		 	
Chromium	ppm	<b>4</b>		 	
Molybdenum	ppm	65		 	
Nickel	ppm	<b>A</b> 18		 	
Titanium	ppm	<b>□</b> <1		 	
Silver	ppm	<b>□</b> <1		 	
Manganese	ppm	3		 	
Vanadium	ppm	<1		 	
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		- 498-			
Calcium	ppm	1328		 	

Calcium	ppm	1328							
Magnesium	ppm	979							
Zinc	ppm	<b>1313</b>							
Phosphorus	ppm	<b>1102</b>							
Barium	ppm	0							
Boron	ppm	6							

## LTA CONSTRUCTION EQUIPMENT

**13 E STEVENSON RD** TTAWA, IL S 61350 ontact: KEVIN SKRTICH VIN.SKRTICH@ALTAEQUIPMENT.COM

## iagnosis

Dil and filter change at the time of ampling has been noted. Resample t the next service interval to nonitor.Valve wear is indicated. lemental level of silicon (Si) above ormal indicating ingress of seal naterial. The BN result indicates that here is suitable alkalinity remaining n the oil. The condition of the oil is uitable for further service.

Depot: VOLVO5055 Unique No: 10589818 Signed: Jonathan Hester Report Date: 10 Aug 2023

Report Id: VOLVO5055 [WUSCAR] 05917904 (Generated: 08/10/2023 14:37:00) Rev: 1

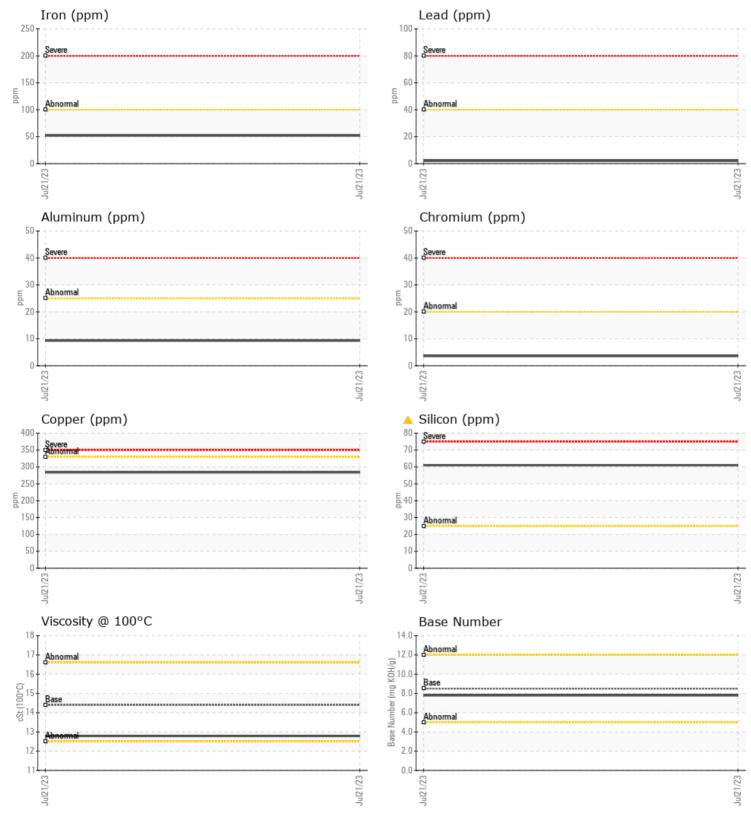
Contact/Location: KEVIN SKRTICH - VOLVO5055

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO5055 [WUSCAR] 05917904 (Generated: 08/10/2023 14:37:02) Rev: 1

Contact/Location: KEVIN SKRTICH - VOLVO5055