## CONSTRUCTION EQUIPMENT HERC RENTALS VOLVO A30G 753512 - DIESEL ENGINE



Sample No:VCP454998Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:HERC RENTALS

### SAMPLE INFORMATION

VOLVO

	IF UKMA I IUN				
Sample Number	-	VCP454998	VCP432451		
Sample Date		22 May 2024	14 Oct 2023		
Machine Hours		1885	702		
Oil Hours		0	0		
Oil Changed		Changed	Changed		
Sample Status		ATTENTION	NORMAL		
OIL CONDI	τιων				
	-		-	-	
Visc @ 100°C	cSt	<b>12.1</b>	11.1		
Base Number (BN)	mg KOH/g	5.3	5.4		
Oxidation (PA)	%	85	65		
CONTAMIN					
	-		-	-	-
Water	%	NEG	NEG		
Soot %	%	0.7	0.5		
Nitration (PA)	%	89	91		
Sulfation (PA)	%	70	60		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	0.3		
Silicon	ppm	<b>11</b>	28		
Sodium	ppm	3	1		
Potassium	ppm	2	3		
VOLVO					

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

### 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 oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

VOLVO				
WEAR I	METALS			
Iron	ppm	30	33	 
Copper	ppm	61	218	 
Lead	ppm	□ <1	0	 
Tin	ppm	2	2	 
Aluminum	ppm	3	2	 
Chromium	ppm		<1	 
Molybdenum	ppm	59	90	 
Nickel	ppm	6	0	 
Titanium	ppm	■<1	0	 
Silver	ppm		□ <1	 
Manganese	ppm	2	4	 
Vanadium	ppm	0	0	 
VOLVO				

ADDITIVES						
Calcium	ppm	<b>1910</b>	2193			
Magnesium	ppm	372	91			
Zinc	ppm	<b>1110</b>	1093			
Phosphorus	ppm	<b>919</b>	883			
Barium	ppm	0	3			
Boron	ppm	39	25			

 Depot:
 VOLV00093

 Unique No:
 11050448

 Signed:
 Don Baldridge

 Report Date:
 31 May 2024

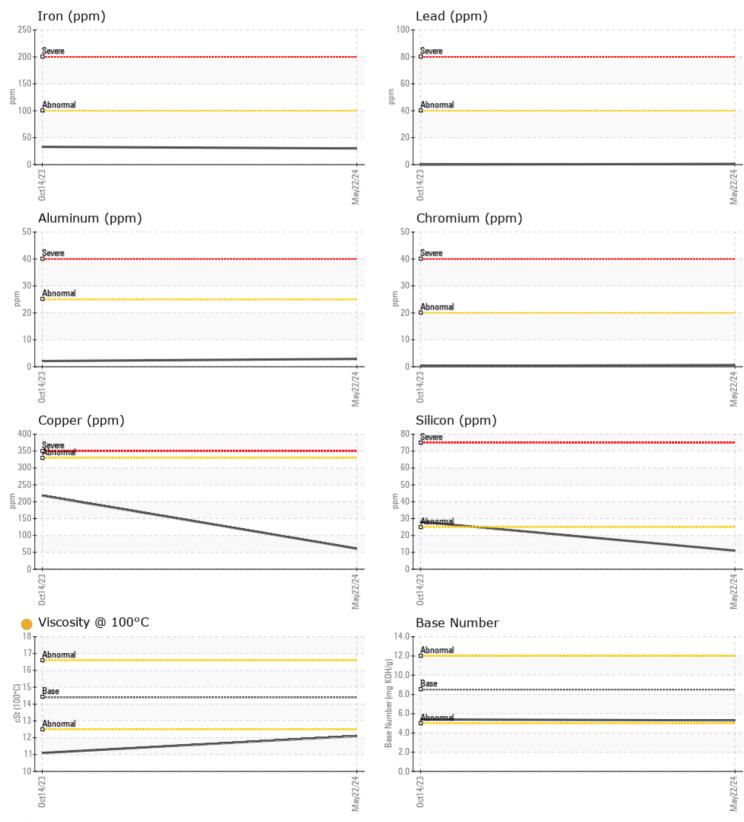
Contact/Location: KENNY HANEY - VOLVO0093

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06193696 (Generated: 06/03/2024 12:18:12) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093