

## **CONSTRUCTION EQUIPMENT** VOLVO A30G 752893 - DIESEL ENGINE



VCP427092 Sample No: **Oil Type:** NOT GIVEN

## Job No:

VOLVO				
SAMPLE II	FORMATION			
Sample Number	-	VCP427092	 	
Sample Date		20 Aug 2023	 	
Machine Hours		611	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	<b>10.5</b>	 	
Base Number (BN)	mg KOH/g	5.9	 	
Oxidation (PA)	%	57	 	
CONTAMIN	NATION			
Soot %	%	0.3	 	
Nitration (PA)	%	79	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	0.7	 	
Silicon	ppm	38	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	3	 	
WEAR ME	TALS			
Iron	ppm	27	 	
Copper	ppm	<b>438</b>	 	
Lead	ppm	4	 	
Tin	ppm	3	 	
Aluminum	ppm	<b>□</b> <1	 	
Chromium	ppm	<b>□</b> <1	 	
Molybdenum	ppm	<b>84</b>	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	<1	 	
Silver	ppm	2	 	
Manganese	ppm	6	 	
Vanadium	ppm	<1	 	

Vanadium P

ADDITI	VES			
Calcium	ppm	2211	 	
Magnesium	ppm	29	 	
Zinc	ppm	1189	 	
Phosphorus	ppm	<b>1005</b>	 	
Barium	ppm	0	 	
Boron	ppm	<b>4</b> 3	 	



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

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. 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 metal levels are typical for a new component breaking in. Fuel content negligible. No other contaminants were detected 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. Confirm oil type.

Depot: VOLVO0093 Unique No: 10609097 Signed: Sean Felton Report Date: 22 Aug 2023

Report Id: VOLVO0093 [WUSCAR] 05929150 (Generated: 08/22/2023 17:29:00) Rev: 1

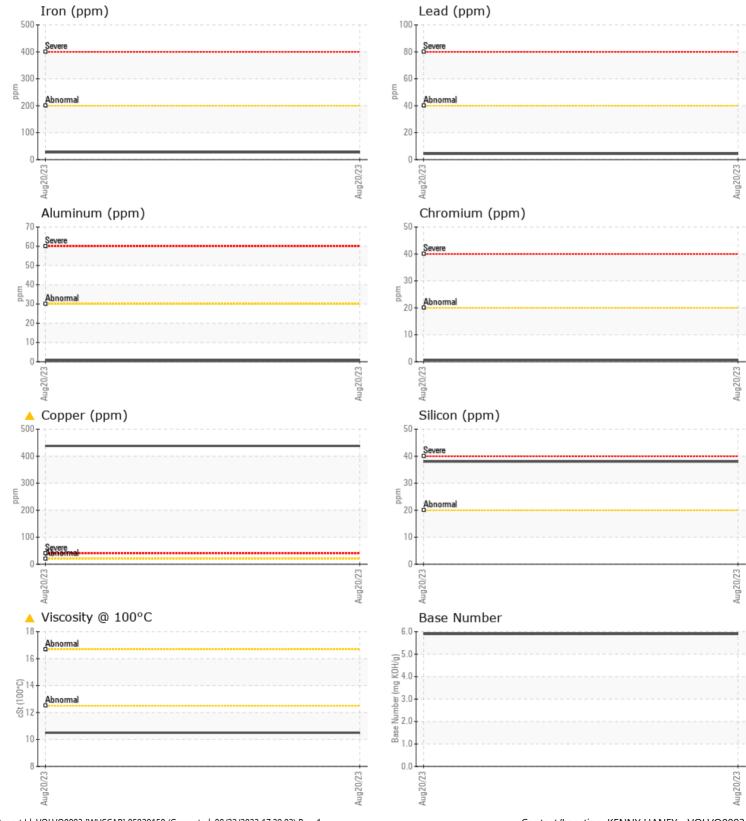
Contact/Location: KENNY HANEY - VOLVO0093

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 05929150 (Generated: 08/22/2023 17:29:02) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093