CONSTRUCTION EQUIPMENT VOLVO A25G 752540 - DIESEL ENGINE BECKNER



Sample No: VCP429240 **Oil Type: DIESEL ENGINE OIL SAE 15W40** Job No:

VOLVO

BECKNER

SAMPLE II	NFORMATION			
Sample Number	-	VCP429240	 	
Sample Date		26 Sep 2023	 	
Machine Hours		1036	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	<u> </u>	 	
Base Number (BN)		5.6		
Oxidation (PA)	тну коп/у %	64	 	
	70	04	 	
VOLVO				
CONTAMIN	NATION			
Soot %	%	0.4	 	
Nitration (PA)	%	82	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	0.6	 	
Silicon	ppm	<mark> 6</mark> 5	 	
Sodium	ppm	5	 	
Potassium	ppm	4	 	
VOLVO				
💓 WEAR ME	TALS			
Iron	ppm	27	 	
Copper	ppm	▲ 217	 	
Lead	ppm	3	 	
Tin	ppm	3	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	85	 	
,				

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. 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. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

ADDITIVES								
Calcium	ppm	2130						
Magnesium	ppm	206						
Zinc	ppm	1287						
Phosphorus	ppm	1041						
Barium	ppm	0						
Boron	ppm	12						

Depot: VOLVO0093 Unique No: 10675056 Signed: Don Baldridge Report Date: 06 Oct 2023

Report Id: VOLVO0093 [WUSCAR] 05968505 (Generated: 10/06/2023 15:48:23) Rev: 1

3

0

|| < 1

4

<1

Nickel

Silver

Titanium

Manganese

Vanadium

ppm

ppm

ppm

ppm

ppm

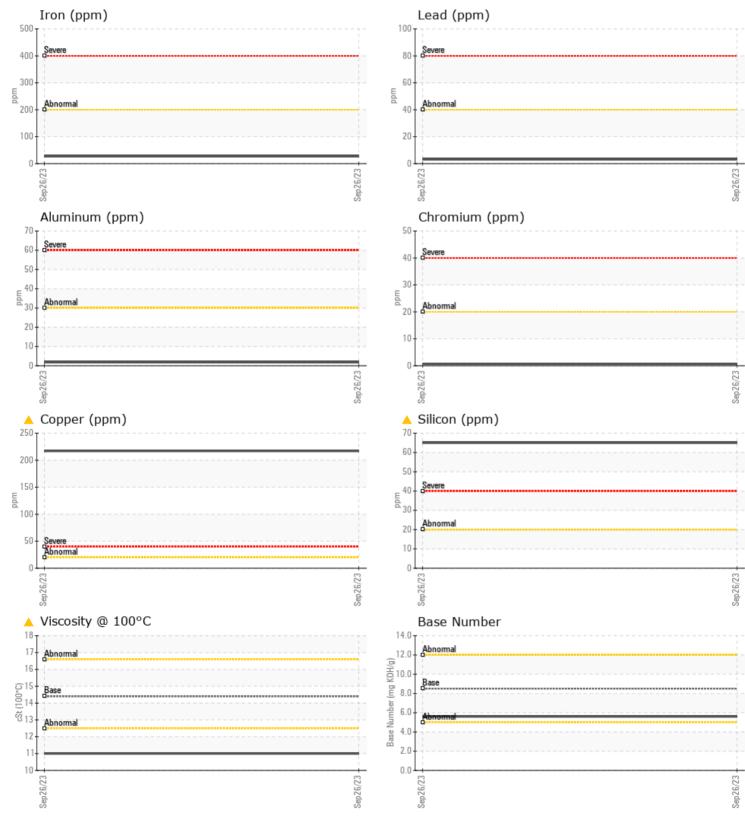
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KENNY HANEY - VOLVO0093