CONSTRUCTION EQUIPMENT 2673-1 VOLVO A30G 752891 - DIESEL ENGINE



Sample No: VCP441051

VOLVO

Oil Type:	DIESEL ENGINE OIL SAE 15W40
Job No:	2673-1

SAMPLE II	NFORMATION			
Sample Number	-	VCP441051	 	
Sample Date		20 Dec 2023	 	
Machine Hours		807	 	
Oil Hours		280	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	3.2	 	
Base Number (BN)	mg KOH/g	3.9	 	
Oxidation (PA)	%	68	 	
CONTAMI				
	-	NEC	 _	
Water	%	NEG	 	
Soot %	%	0.1 60	 	
Nitration (PA)	%	50	 	
Sulfation (PA)	%	NEG	 	
Glycol Fuel	%	69.8	 	
Silicon		4	 	
Sodium	ppm	0	 	
Potassium	ppm ppm	1	 	
i otassium	РЪШ	•••••	 	
VOLVO			 	
VEAR ME	TALS			
Iron	ppm	5	 	

Iron ppm 5 48 Copper ppm Lead <1 ppm Tin ppm <1 Aluminum ppm 2 **||** <1 Chromium ppm Molybdenum ppm 15 Nickel 0 ppm Titanium 0 🔲 ppm Silver 0 ppm Manganese 0 🔲 ppm Vanadium 0 ppm

ADDITIVES							
Calcium	ppm	🔺 562					
Magnesium	ppm	146					
Zinc	ppm	A 354					
Phosphorus	ppm	<u> </u>					
Barium	ppm	0					
Boron	ppm	12					



MCCLUNG-LOGAN EQUIPMENT CO - WISE PO BOX 1158 WISE, VA US 24293 Contact: DANNY BARRINGTON dbarrington@mcclung-logan.com T:

Diagnosis

F:

We advise that you check the fuel injection system. The oil is near the end of it's useful service life, recommend schedule an oil change. We recommend an early resample to monitor this condition.Metal levels are typical for a new component breaking in. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. Visc @ 100°C is severely low. Phosphorus ppm levels are abnormally low. Sulfur ppm levels are abnormally low. Zinc ppm levels are abnormally low. Calcium ppm levels are abnormally low. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO8881

 Unique No:
 10806391

 Signed:
 Wes Davis

 Report Date:
 28 Dec 2023

Report Id: VOLVO8881 [WUSCAR] 06045783 (Generated: 12/28/2023 09:30:53) Rev: 1

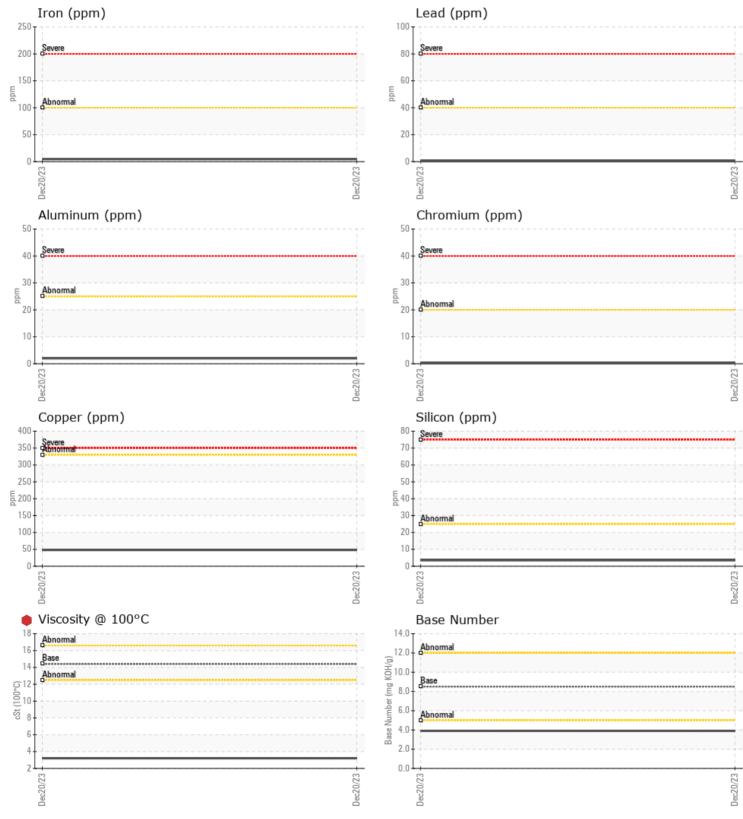
Contact/Location: DANNY BARRINGTON - VOLVO8881

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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