CONSTRUCTION EQUIPMENT SWA381760 VOLVO ECR305CL 110712 - DIESEL ENGINE

Sample No:VCP420815Oil Type:NOT GIVENJob No:SWA381760

VOLVO

SAMPLE II	NFORMATION			
Sample Number		VCP420815	 	
Sample Date		05 Oct 2023	 	
Machine Hours		7595	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	14.0	 	
Base Number (BN)	mg KOH/g	7.1	 	
Oxidation (PA)	%	47	 	
CONTAMI	NATION			
Soot %	%	0.1	 	
Nitration (PA)	%	54	 	
Sulfation (PA)	%	45	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	3	 	
Potassium	ppm	11	 	
WEAR ME	TALS		 	
Iron	ppm	3	 	
Copper	ppm	1 7	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	🔺 12	 	

WOODRUFF & SONS INC. 1502 N. 50TH ST.

TAMPA, FL US 33619 Contact: RICK

T: (813)247-6687 F:

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.Aluminum and copper ppm levels are abnormal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

WEAR N	METALS			
Iron	ppm	3	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	□ <1	 	
Tin	ppm		 	
Aluminum	ppm	1 2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	80	 	
Nickel	ppm	0	 	
Titanium	ppm	2	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	

Vanadic

ADDITIVES							
Calcium	ppm	1925					
Magnesium	ppm	214					
Zinc	ppm	1239					
Phosphorus	ppm	996					
Barium	ppm	0					
Boron	ppm	63					

 Depot:
 WOOTAM

 Unique No:
 10683025

 Signed:
 Doug Bogart

 Report Date:
 09 Oct 2023

Report Id: WOOTAM [WUSCAR] 05971075 (Generated: 10/09/2023 16:51:06) Rev: 1

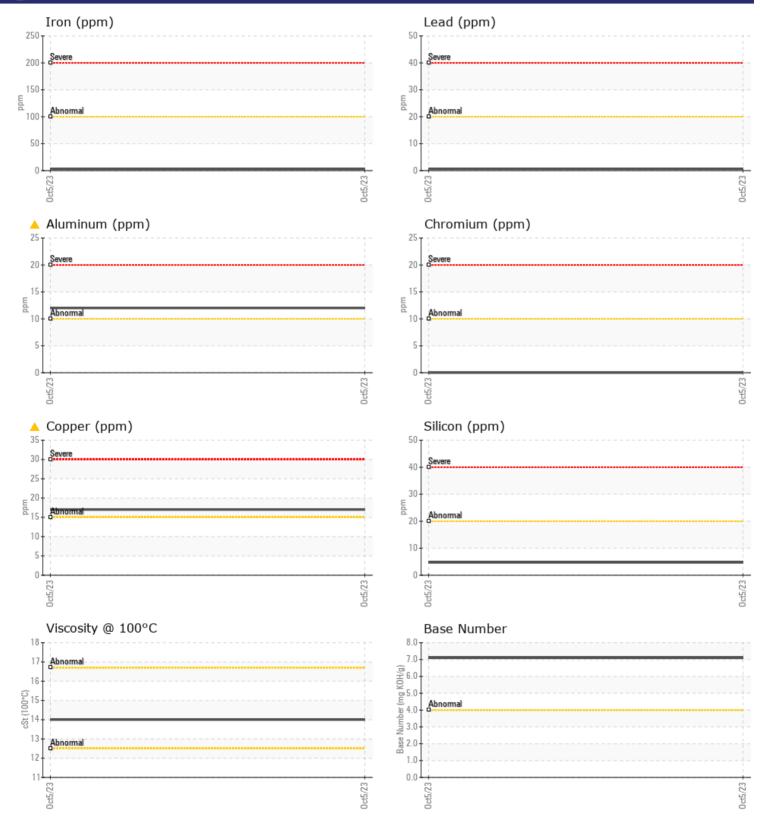
Contact/Location: RICK - WOOTAM

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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