CONSTRUCTION EQUIPMENT 728544 TAKEUCHI TL 10 410004839 - DIESEL ENGINE



Sample No: VCP438412

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	728544

SAMPLE INFORMATION

Sample Number		VCP438412	VCP399252	
Sample Date		04 Jun 2024	14 Dec 2022	
Machine Hours		1759	614	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		SEVERE	NORMAL	
OIL CON	DITION			
Visc @ 100°C	cSt	A 12.13	14.2	
Base Number (BN	l) mg KOH/g	4.11	7.7	
Oxidation (PA)	%	152	99	
CONTAM	INATION			
Water	%	NEG	NEG	
Soot %	%	0.8	0.8	
Nitration (PA)	%	119	102	
Sulfation (PA)	%	91	71	
Glycol	%	NEG	NEG	
Fuel	%	11.7	< 1.0	
Silicon	ppm	11	3	
Sodium	ppm	3	0	
Potassium	ppm	0	6	

WEAR METALS

WEAK I	METALS			
Iron	ppm	61	7	
Copper	ppm	8	10	
Lead	ppm	0	0	
Tin	ppm		□ <1	
Aluminum	ppm	3	2	
Chromium	ppm	1	□ <1	
Molybdenum	ppm	64	33	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	 <1	
Manganese	ppm	1	 < 1	
Vanadium	maa	0	<1	

ADDITIVES						
Calcium	ppm	1821	2127			
Magnesium	ppm	505	53			
Zinc	ppm	1259	1054			
Phosphorus	ppm	1018	822			
Barium	ppm	0	0			
Boron	ppm	61	122			



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: ANDREW MCCOY amccoy@flaglerce.com T: F: (407)659-8720

Diagnosis

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present 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:
 VOLVO0096

 Unique No:
 11070543

 Signed:
 Sean Felton

 Report Date:
 21 Jun 2024

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Report Id: VOLVO0096 [WUSCAR] 06203082 (Generated: 06/21/2024 10:54:05) Rev: 1
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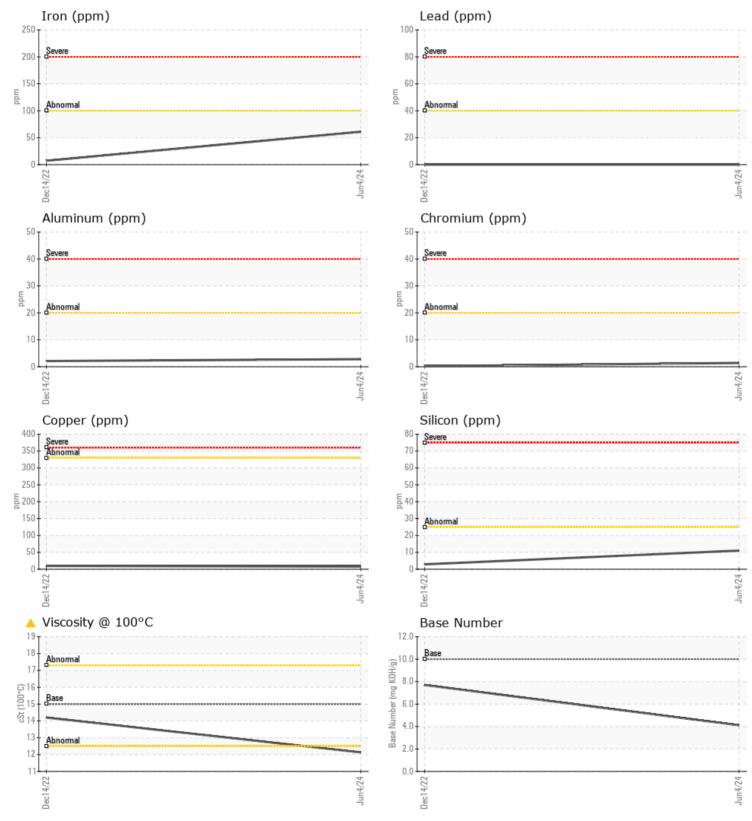
Contact/Location: ANDREW MCCOY - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ANDREW MCCOY - VOLVO0096