

CONSTRUCTION EQUIPMENT TAKEUCHI TL 12V2 412006437 - DIESEL ENGINE



VCP390150 Sample No:

Oil Type:	DIESEL ENGINE OIL SAE 15W40
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Job No:

Phosphorus

Barium

Boron

SAMPLE I	NFORMATION			
Sample Number		VCP390150	 	
Sample Date		12 Jun 2023	 	
Machine Hours		68	 	
Oil Hours		68	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
VOLVO				
V OIL CONDI				
Visc @ 100°C	cSt	10.3	 	
Base Number (BN)	mg KOH/g	9.5	 	
Oxidation (PA)	%	29	 	
CONTAMIN	NATION			
Soot %	%	0.2	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	40	 	
	%	NEG		
Glycol			 	
Fuel	%	0.2	 	
Silicon	ppm	23	 	
Sodium	ppm	1	 	
Potassium	ppm	<u> </u>	 	
VOLVO				
VEAR ME	TALS			
Iron	ppm	1 8	 	
Copper	ppm	23	 	
Lead	ppm		 	
Tin	ppm		 	
Aluminum	ppm	□ <1	 	
Chromium	ppm		 	
Molybdenum	ppm	153	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	
	1210111			
VOLVO	-		 	
	2			
Calcium	ppm	2698	 	
Magnesium	ppm	22	 	
Zinc	ppm	526	 	



MCCLUNG-LOGAN EQUIPMENT CO INC - FREDERICKSBURG 358 KINGS HWY FREDERICKSBURG, VA US 22405 Contact: JW MEADOWS jmeadows@mcclung-logan.com T: F:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Sodium and/or potassium levels are high. Fuel content negligible. Test for glycol is negative. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot: MCCFRE Unique No: Signed: Report Date:

10511492 Jonathan Hester 15 Jun 2023 Contact/Location: JW MEADOWS - MCCFRE

415

160

0 🔲

ppm

ppm

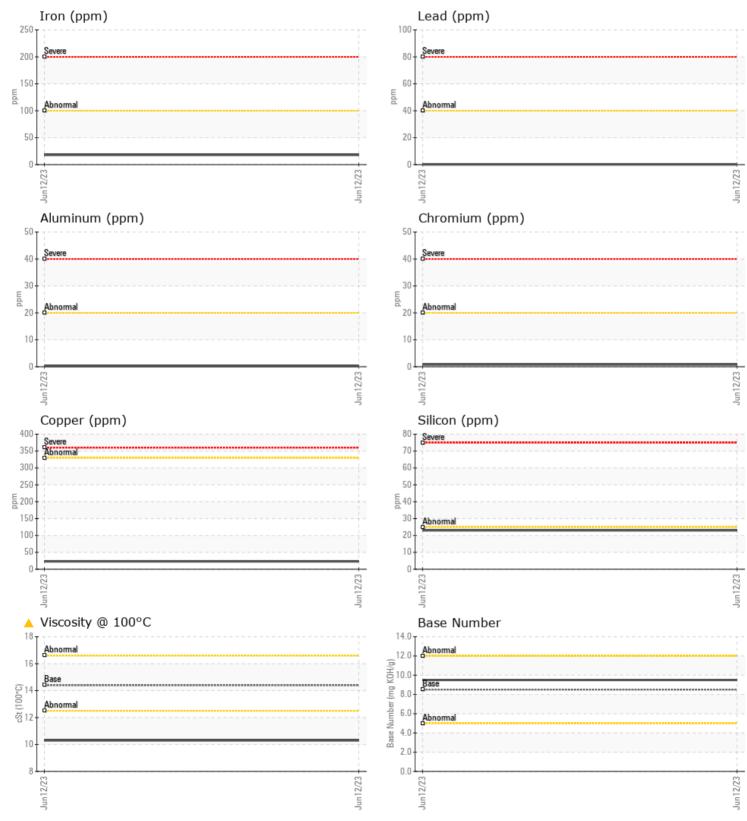
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: MCCFRE [WUSCAR] 05871708 (Generated: 07/24/2023 05:40:44) Rev: 1

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