

CONSTRUCTION EQUIPMENT TAKEUCHI TB216 126107666 - DIESEL ENGINE



Sample No:

VCP409464

Oil Type: VALVOLINE 15W40

Job No:

VOLVO				
SAMPLE I	NFORMATION			
Sample Number	-	VCP409464	 	
Sample Date		11 Jan 2024	 	
Machine Hours		250	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	10.3	 	
Base Number (BN)		7.1	 	
Oxidation (PA)	%	50	 	
VOLVO				
CONTAMIN	-			
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	48	 	
Glycol	%	NEG	 	
Fuel	%	1.3	 	
Silicon	ppm	48	 	
Sodium	ppm	1 4	 	
Potassium	ppm	<u> </u>	 	
VOLVO				
WEAR ME	TALS			
Iron	ppm	45	 	
Copper	ppm	126	 	
Lead	ppm	■<1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	∎4	 	
Chromium	ppm	1	 	
Molybdenum	ppm	177	 	
Nickel	ppm		 	
Titanium	ppm	■ <1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
	5		 	
Calcium		2308	 	
Magnesium	ppm	2308	 	
Zinc	ppm	806	 	
Phosphorus	ppm	732	 	
Barium	ppm	0	 	
Boron	ppm	215	 	
DOIOII	ppm	215	 	



MCCLUNG-LOGAN EQUIPMENT CO - FREDERICKSBURG

358 KINGS HWY FREDERICKSBURG, VA US 22405 Contact: SCOTT IVES sives@mcclung-logan.com T: (540)373-7755 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:
 10831289

 Signed:
 Jonathan Hester

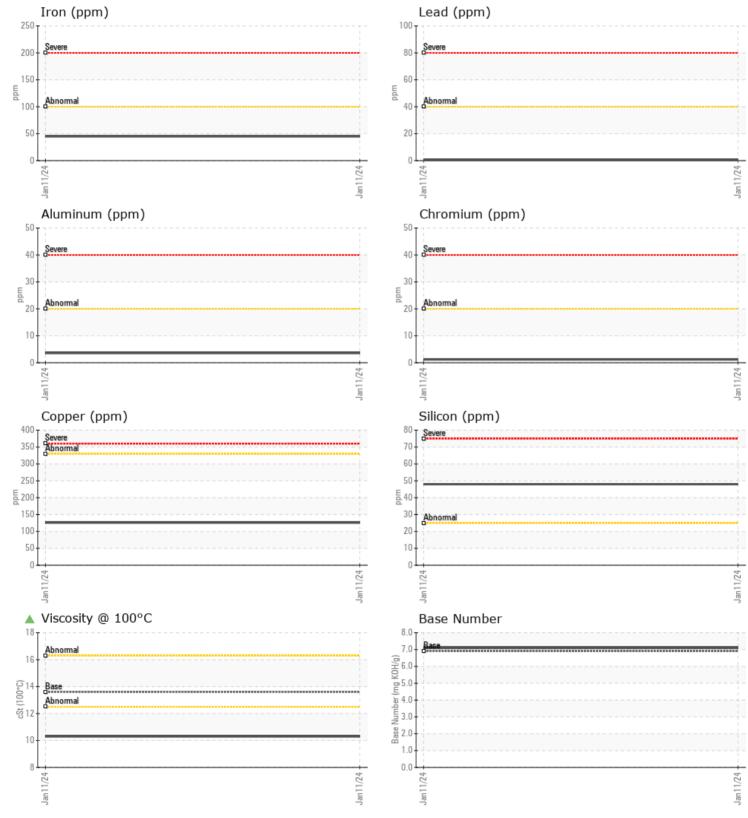
 Report Date:
 18 Jan 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: MCCFRE [WUSCAR] 06059907 (Generated: 01/18/2024 13:40:21) Rev: 1

Contact/Location: SCOTT IVES - MCCFRE