CONSTRUCTION EQUIPMENT JUSTIN S. S&S LANDSC TAKEUCHI TL8R2 408006097 - DIESEL ENGI

 Sample No:
 VCP409476

 Oil Type:
 VALVOLINE 15W40

 Job No:
 JUSTIN S. S&S LANDSC

Silicon

Sodium

Potassium

VOLVO

SAMPLE II	NFORMATION			
Sample Number	-	VCP409476	 	
Sample Date		02 Apr 2024	 	
Machine Hours		71	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	10.9	 	
Base Number (BN)	mg KOH/g	7.0	 	
Oxidation (PA)	%	44	 	
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	47	 	
Glycol	%	NEG	 	
Fuel	%	0.6	 	



MCCLUNG-LOGAN EQUIPMENT CO - FREDERICKSBURG 358 KINGS HWY EREDERICKSPLUC VA

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. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

VOLVO				
WEAR I	METALS			
Iron	ppm	1 0	 	
Copper	ppm	57	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	4	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

Calcium	ppm	2382					
Magnesium	ppm	27					
Zinc	ppm	1019					
Phosphorus	ppm	875					
Barium	ppm	0					
Boron	ppm	5					

Depot:MCCFREUnique No:10962683Signed:Jonathan HesterReport Date:08 Apr 2024

Report Id: MCCFRE [WUSCAR] 06137875 (Generated: 04/08/2024 12:54:23) Rev: 1

14

26

1

ppm

ppm

ppm

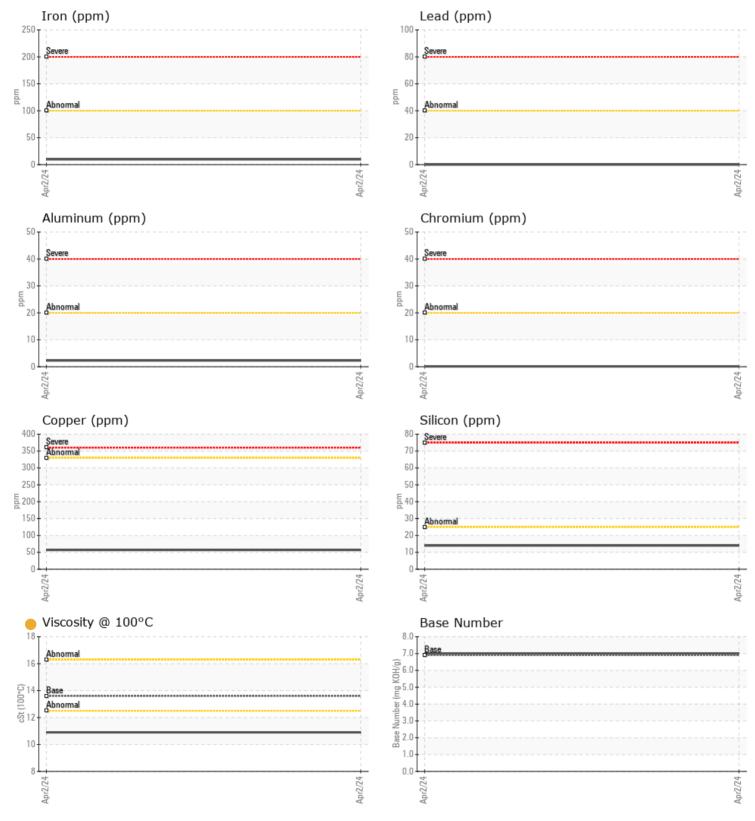
Contact/Location: JW MEADOWS - MCCFRE

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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