CONSTRUCTION EQUIPMENT SW1030715-2 VOLVO EC480E 315096 - DIESEL ENGINE

 Sample No:
 VCP443091

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SW1030715-2

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP443091	 	
Sample Date		14 Mar 2024	 	
Machine Hours		904	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	11.8	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	71	 	
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	73	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	0.2	 	
Silicon	ppm	1 3	 	
Sodium	ppm	0	 	
Potassium	ppm	3	 	

VOLVO

VEAR M	IETALS			
Iron	ppm	9	 	
Copper	ppm	44	 	
Lead	ppm	 <1	 	
Tin	ppm	1	 	
Aluminum	ppm	3	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	62	 	
Nickel	ppm	0	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	1451					
Magnesium	ppm	763					
Zinc	ppm	1242					
Phosphorus	ppm	1062					
Barium	ppm	2					
Boron	ppm	12					



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: JUSTIN BENCH JUSTIN.BENCH@ARNOLDMACHINERY.COM T: (801)698-5639 F: (801)975-9434

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. Tests indicate that there is no fuel present in the oil. 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.

 Depot:
 VOLVO8770

 Unique No:
 10938890

 Signed:
 Sean Felton

 Report Date:
 25 Mar 2024

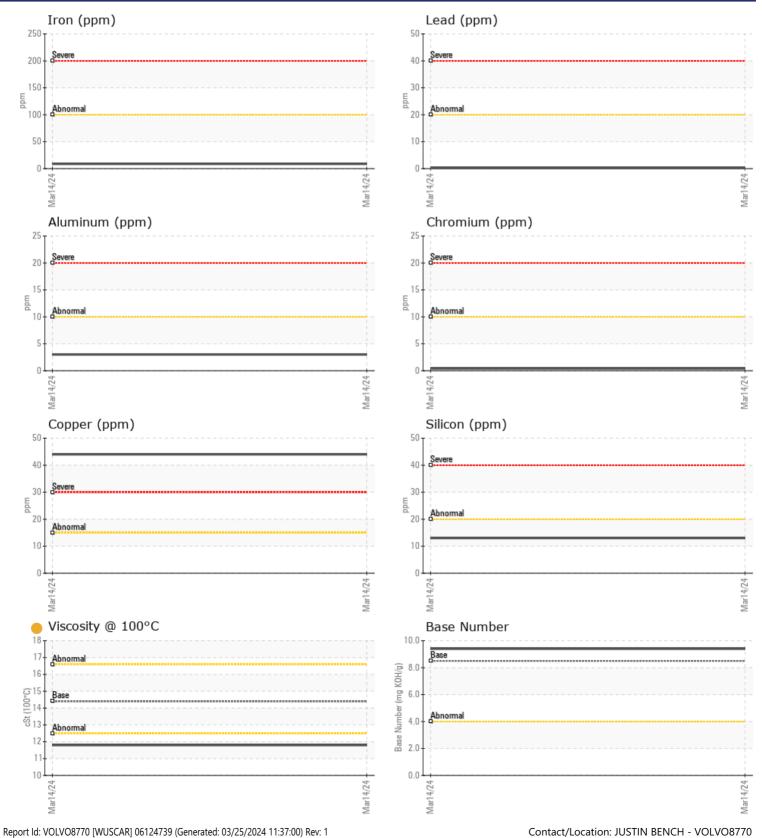
Contact/Location: JUSTIN BENCH - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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