CONSTRUCTION EQUIPMENT SPM489356 CATERPILLAR TL943 TBL - DIESEL ENGINE



 Sample No:
 VCP387445

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SPM489356

VOLVO

	NFORMATION			
	AF UNMATION		 	
Sample Number		VCP387445	 	
Sample Date		07 Dec 2022	 	
Machine Hours		3871	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
VOLVO				
OIL CONDI	TIUN			
Visc @ 100°C	cSt	10.9	 	
Base Number (BN)	mg KOH/g	11.6	 	
Oxidation (PA)	%	81	 	
VOLVO				
Contamii	VATION			
Soot %	%	0.2	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	64	 	
Glycol	%	NEG	 	
Fuel	%	A 3.2	 	
Silicon	ppm	8	 	

Molecular

WASTE MANAGEMENT - HOOKER ST

1500 N HOOKER ST CHICAGO, IL US 60642 Contact: Service Manager

T: F:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Potassium

ppm

ppm

2

0

Sodium

WEAR METALS							
Iron	ppm	1 0					
Copper	ppm	4					
Lead	ppm	2					
Tin	ppm						
Aluminum	ppm	2					
Chromium	ppm	1					
Molybdenum	ppm	36					
Nickel	ppm	■<1					
Titanium	ppm	■ <1					
Silver	ppm	0					
Manganese	ppm	■ <1					
Vanadium	ppm	<1					

Variadia

ADDITIVES							
Calcium	ppm	🔳 1809					
Magnesium	ppm	436					
Zinc	ppm	1146					
Phosphorus	ppm	923					
Barium	ppm	0					
Boron	ppm	56					

 Depot:
 WASCHIIL

 Unique No:
 10258631

 Signed:
 Jonathan Hester

 Report Date:
 20 Dec 2022

Report Id: WASCHIIL [WUSCAR] 05719055 (Generated: 08/15/2023 13:27:44) Rev: 1

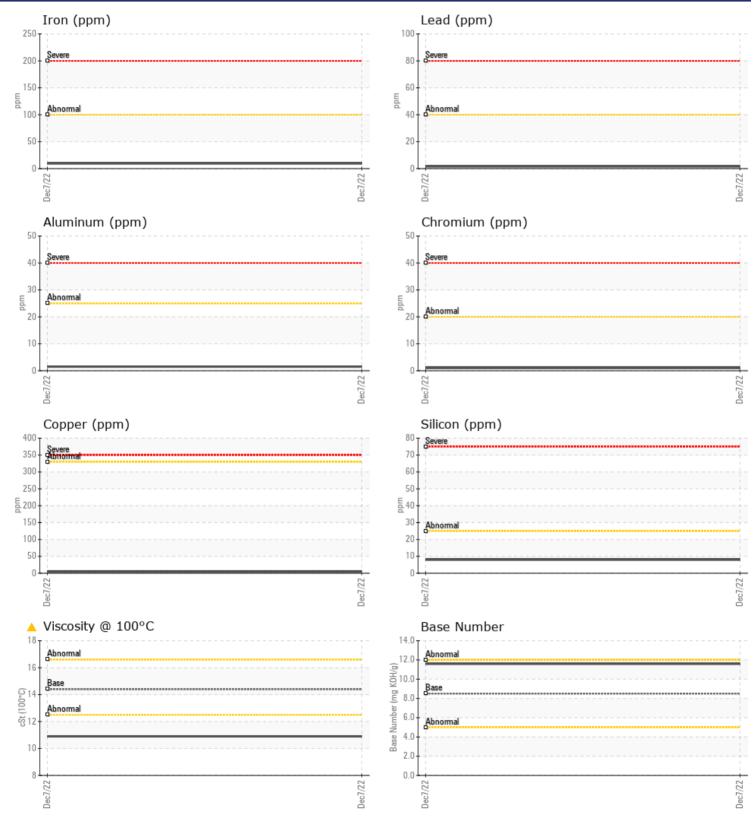
Contact/Location: Service Manager - WASCHIIL

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Service Manager - WASCHIIL