CONSTRUCTION EQUIPMENT T AND K VOLVO A45G 352823 - DIESEL ENGINE



Sample No:VCP437078Oil Type:DIESEL ENGINE OIL SAE 40Job No:T AND K

VOLVO

Glycol

Silicon

Sodium

Potassium

Fuel

SAMPLE INFORMATION

%

%

ppm

ppm

ppm

VOLVO

Sample Number		VCP437078	 	
Sample Date		15 Mar 2024	 	
Machine Hours		3874	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONE	DITION			
Visc @ 100°C	cSt	12.8	 	
Base Number (BN) mg KOH/g	9.2	 	
Oxidation (PA)	%	78	 	
CONTAM	INATION	_		
Water	%	NEG	 	
Soot %	%	0.4	 	
Nitration (PA)	%	64	 	
Sulfation (PA)	%	60	 	

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NEG

<1.0

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ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

WEAR M	FTAIS			
		<u>.</u>	 	
Iron	ppm	21	 	
Copper	ppm	1	 	
Lead	ppm	1	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	2	 	
Molybdenum	ppm	43	 	
Nickel	ppm	4	 	
Titanium	ppm	□<1	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	1667					
Magnesium	ppm	519					
Zinc	ppm	1117					
Phosphorus	ppm	951					
Barium	ppm	0					
Boron	ppm	46					

 Depot:
 VOLVO0093

 Unique No:
 10940248

 Signed:
 Don Baldridge

 Report Date:
 26 Mar 2024

Report Id: VOLVO0093 [WUSCAR] 06126097 (Generated: 03/26/2024 11:19:31) Rev: 1

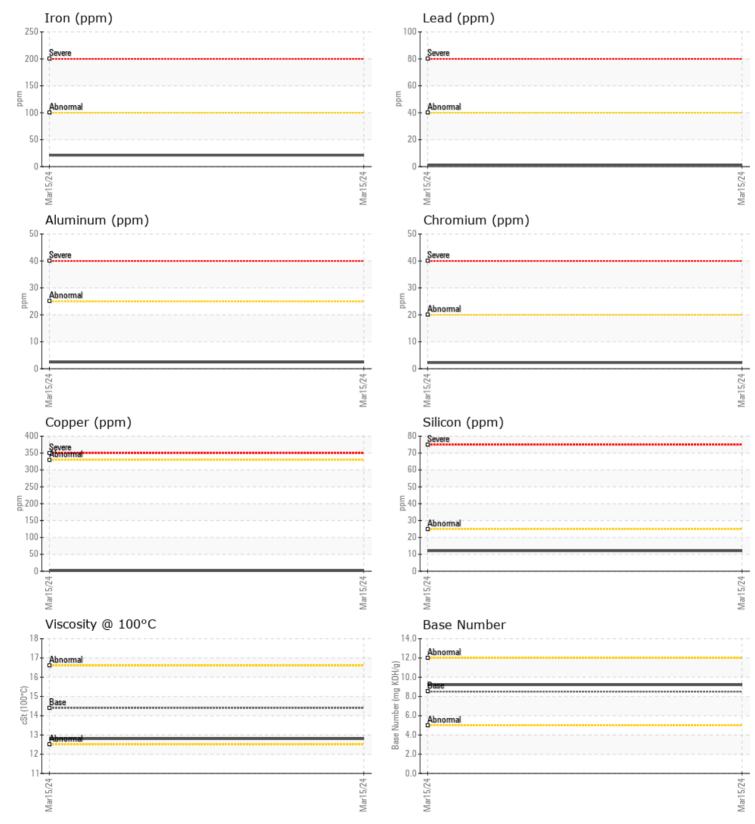
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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