CONSTRUCTION EQUIPMENT W0229933 VOLVO L90E 617271 - DIESEL ENGINE



 Sample No:
 VCP293944

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 W0229933

VOLVO

Fuel

Silicon

Sodium

Potassium

%

ppm

ppm

ppm

<1.0

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SAMPLE	INFORMATION			
Sample Number		VCP293944	 	
Sample Date		07 Feb 2024	 	
Machine Hours		0	 	
Oil Hours		22067	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL COND	DITION			
Visc @ 100°C	cSt	13.1	 	
Base Number (BN) mg KOH/g	8.5	 	
Oxidation (PA)	%	67	 	
CONTAM	INATION			
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	61	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	



ROMCO INC

1350 NE LOOP 820 FORT WORTH, TX US 76106 Contact: ROB HOLCOMB rholcomb@romco.com T: (817)798-9289 F: (817)626-8983

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 suitable for further service.

Iron WEAR	ppm	1 0	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	6	 	
Chromium	ppm		 	
Molybdenum	ppm	123	 	
Nickel	ppm	0	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	

ADDITIVES								
Calcium	ppm	1436						
Magnesium	ppm	597						
Zinc	ppm	815						
Phosphorus	ppm	774						
Barium	ppm	0						
Boron	ppm	353						

 Depot:
 VOLVO0081

 Unique No:
 10874266

 Signed:
 Wes Davis

 Report Date:
 13 Feb 2024

Report Id: VOLVO0081 [WUSCAR] 06086821 (Generated: 02/13/2024 16:31:57) Rev: 1

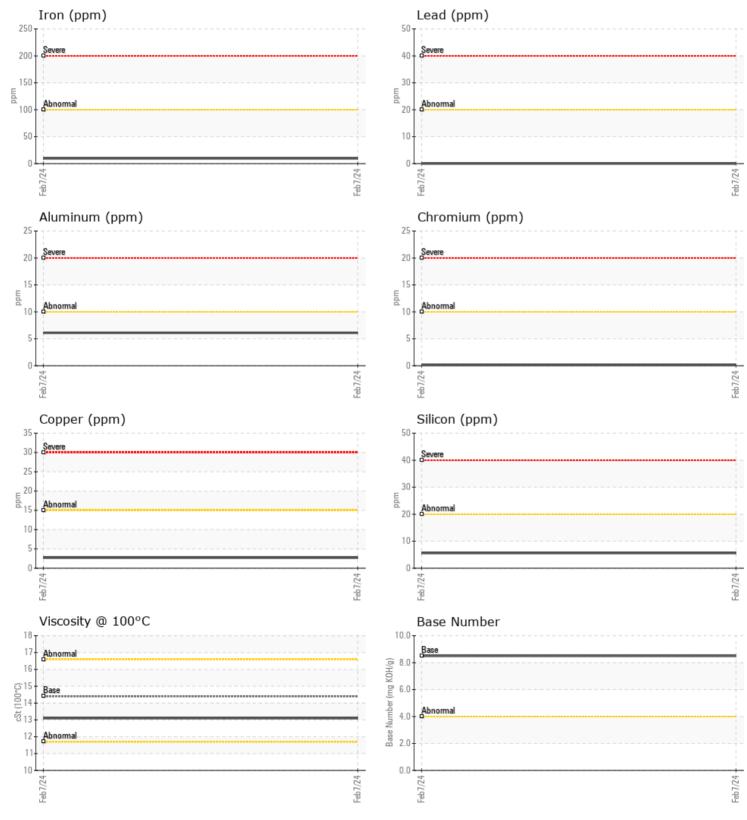
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: ROB HOLCOMB - VOLVO0081