CONSTRUCTION EQUIPMENT 038767 VOLVO L90H 623587 - DIESEL ENGINE



Sample No: VCP127109

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	038767

SAMPLE INFORMATION

Sample Number	-	VCP127109	VCP270324	
Sample Date		19 Mar 2024	16 Feb 2021	
Machine Hours		14001	8465	
Oil Hours		500	500	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 40°C	cSt		99.0	
Visc @ 100°C	cSt	12.6	13.36	
Viscosity Index (VI)	Scale		133	
Base Number (BN)	mg KOH/g	9.8		
Oxidation (PA)	%	82	86	

CONTAN	MINATION			
Water	%	NEG	NEG	
Soot %	%	0.4	0.4	
Nitration (PA)	%	60	63	
Sulfation (PA)	%	61	66	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	5	6	
Sodium	ppm		3	
Potassium	ppm	1	1	

WFAR METALS

1

WEAK N	METALS			
Iron	ppm	6	6	
Copper	ppm	2	 <1	
Lead	ppm	 <1	0	
Tin	ppm		0	
Aluminum	ppm	2	2	
Chromium	ppm		<1	
Molybdenum	ppm	42	37	
Nickel	ppm	0	0	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	 <1	 < 1	
Vanadium	ppm	0	0	

ADDIT	IVES				
Calcium	ppm	1713	1652	 	
Magnesium	ppm	505	488	 	
Zinc	ppm	1175	1084	 	
Phosphorus	ppm	1014	924	 	
Barium	ppm	0	0	 	
Boron	ppm	48	42	 	



ARING EQUIPMENT COMPANY INC - GREEN BAY PO BOX 5276

DEPERE, WI US 54115 Contact: DEL VAUGHN dvaughn@aring.com T: (920)336-3601 F: (920)337-6291

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.

 Inique No:
 10940254

 igned:
 Wes Davis

 eport Date:
 22 Mar 2024

VOLVO0072

Report Id: VOLVO0072 [WUSCAR] 06126103 (Generated: 03/22/2024 16:30:02) Rev: 1

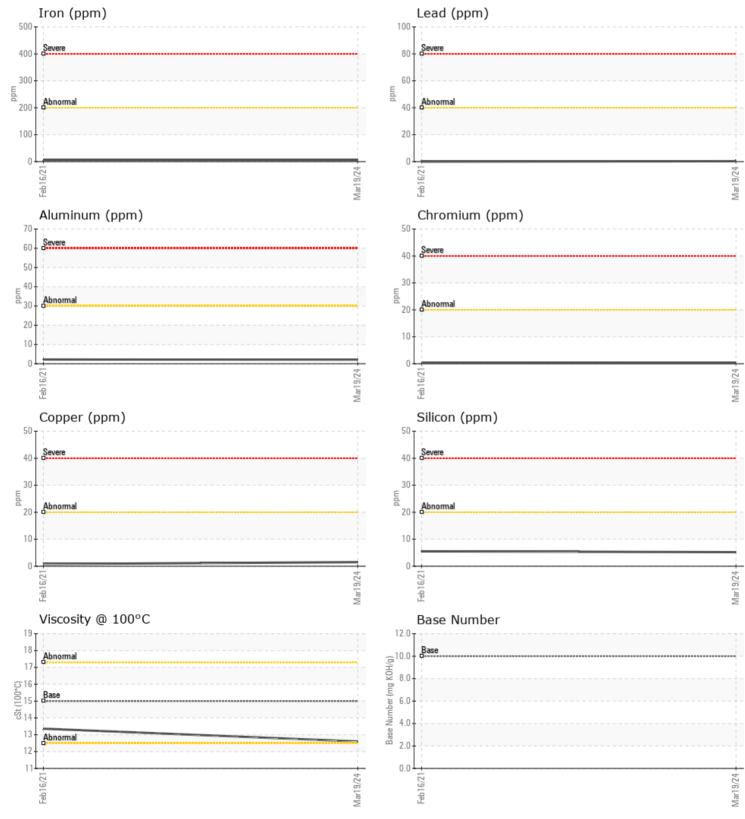
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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