

CONSTRUCTION EQUIPMENT S50402452 VOLVO L90H 626377 - DIESEL ENGINE



Sample No: VCP424244

Oil Type: DIESEL ENGINE OIL SAE 15W40

Job No: \$50402452

SAMPLE INFORMATION	DN		
Sample Number	VCP424244	 	
Sample Date	15 Jan 2024	 	
Machine Hours	3500	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

OIL CONDITION						
Visc @ 100°C	cSt	13.6				
Base Number (BN)	mg KOH/g	■ 9.0				
Oxidation (PA)	%	90				

CONTAN	MINATION			
Water	%	NEG	 	
Soot %	%	■ 0.4	 	
Nitration (PA)	%	81	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	■ 3	 	
Potassium	ppm	■ 0	 	

WEAR	METALS			
Iron	ppm	14	 	
Copper	ppm	2	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	5	 	
Chromium	ppm	■1	 	
Molybdenum	ppm	44	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	■<1	 	
Silver	ppm	■ 0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	

ADDIT	Zavi			
Calcium	ppm	1710	 	
Magnesium	ppm	■ 516	 	
Zinc	ppm	1132	 	
Phosphorus	ppm	■968	 	
Barium	ppm	0	 	
Boron	ppm	20	 	
БОГОП	ррпп	<u> </u>		



IAA - INSURANCE AUTO AUCTIONS - WESTCHESTER VC 2 WESTBROOK CORPORATE CENTER STE. 5 WESTCHESTER, IL US 60154

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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.

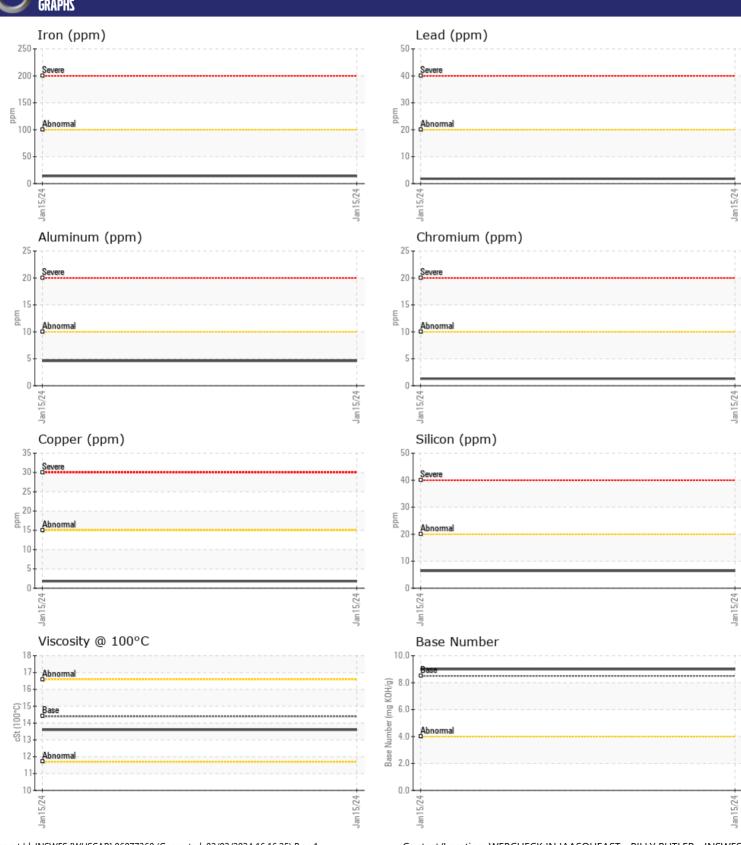
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CONSTRUCTION EQUIPMENT







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Contact/Location: WEBCHECK IN IAASOUEAST - BILLY BUTLER - INSWES