CONSTRUCTION EQUIPMENT 24540 VOLVO A45 352517 - DIESEL ENGINE



Sample No: VCP429006

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	24540

	FORMATION			
Sample Number		VCP429006	 	
Sample Date		04 Dec 2023	 	
Machine Hours		7966	 	
Oil Hours		1000	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
Sumple Status		NORMAL		
OIL CONDI	TION			
Visc @ 100°C	cSt	12.5	 	
Base Number (BN)	mg KOH/g	9.7	 	
Oxidation (PA)	%	74	 	
CONTAMIN				
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Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 3	 	
Sodium	ppm	5	 	
Potassium	ppm	0	 	
WEAR ME	TALS			
Iron	ppm	62	 	
Copper	ppm	6	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	6	 	
Chromium	ppm	2	 	
Molybdenum	ppm	63	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	3	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
VOLVO				
Calcium	ppm	1178	 	
Magnesium	ppm	961	 	
Zinc	ppm	1294	 	
Phosphorus	ppm	1041	 	
Barium	ppm	0	 	
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218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

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.

 Depot:
 VOLVO3387

 Unique No:
 10777257

 Signed:
 Don Baldridge

 Report Date:
 09 Dec 2023

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ppm

Boron

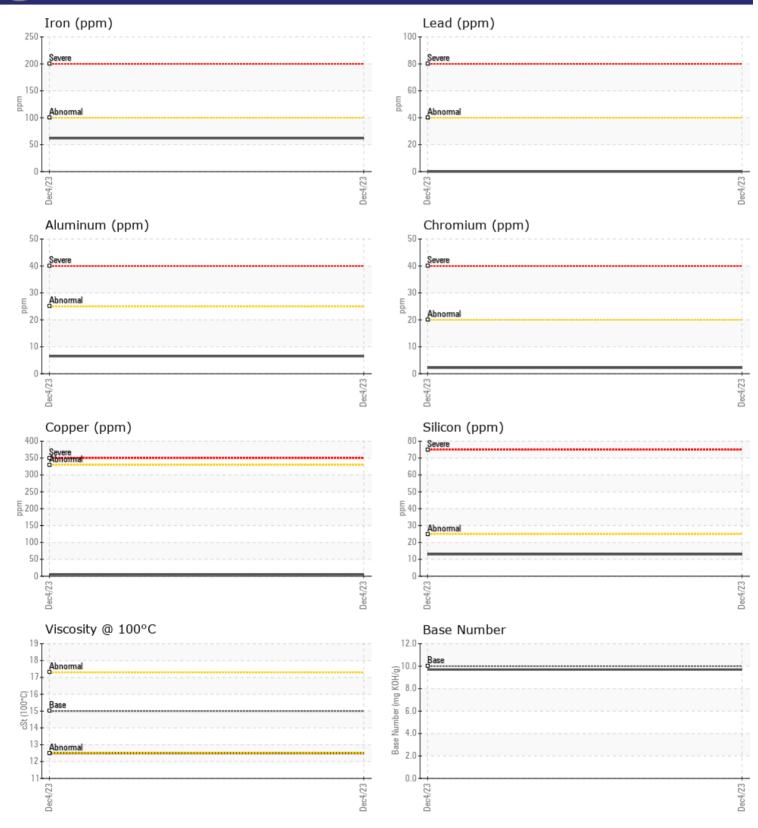
Contact/Location: MATT MITCHAM - VOLVO3387

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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