CONSTRUCTION EQUIPMENT D13080 VOLVO A45G 352161 - DIESEL ENGINE



Sample No: VCP429524 Oil Type: VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

D13080

	INFORMATION			
Sample Number		VCP429524	 	
Sample Date		12 Jan 2024	 	
Machine Hours		9476	 	
Oil Hours		476	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CON	DITION			
Visc @ 100°C	cSt	12.2	 	
Base Number (BN	V) mg KOH/g	9.0	 	
Oxidation (PA)	%	79	 	
CONTAN	MINATION		 	
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	66	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	0.3	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	
Potassium	ppm	 <1	 	

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)

13001 W SILVERE SPRING DR BUTLER, WI US 53007 Contact: GLENN OTTENBACHER gottenbacher@aring.com T: (262)282-0715 F: (262)781-5053

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. 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.

VOLVO				
WEAR I	METALS		 	
Iron	ppm	6	 	
Copper	ppm	4	 	
Lead	ppm	 <1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	37	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	
VOLVO				

ADDITIVES						
Calcium	ppm	1576				
Magnesium	ppm	485				
Zinc	ppm	1080				
Phosphorus	ppm	956				
Barium	ppm	0				
Boron	ppm	46				

 Depot:
 VOLVO0069

 Unique No:
 10843063

 Signed:
 Wes Davis

 Report Date:
 24 Jan 2024

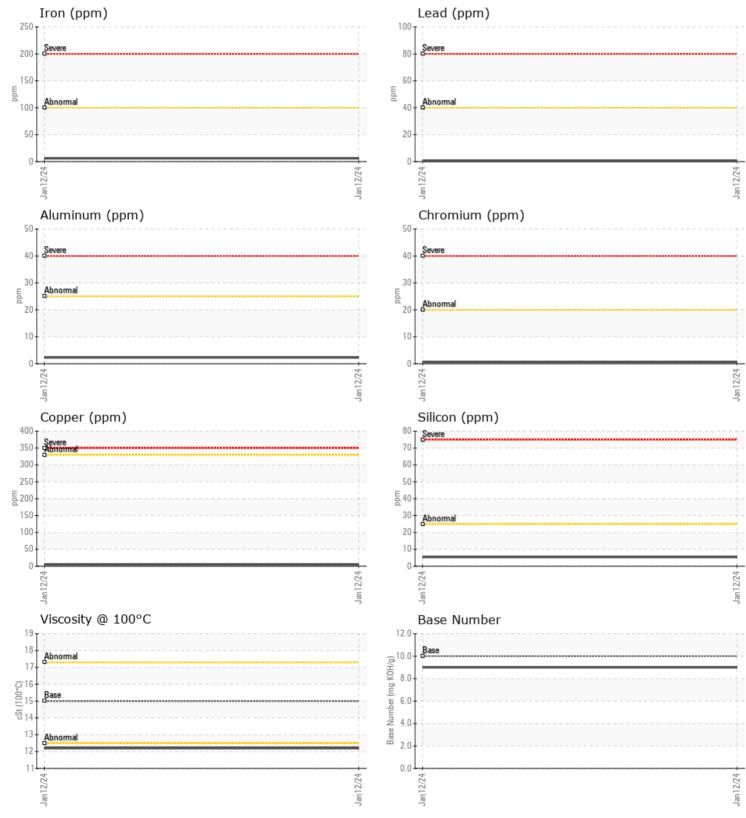
Contact/Location: GLENN OTTENBACHER - VOLVO0069

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: GLENN OTTENBACHER - VOLVO0069