CONSTRUCTION EQUIPMENT IAA VOLVO L90H 623327 - DIESEL ENGINE



Sample No: VCP420743

Glycol

Silicon

Sodium

Potassium

Fuel

VOLVO

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

%

%

ppm

ppm

ppm

NEG

<1.0

6 🔲

2

1 🔲

Sample Number	-	VCP420743	VCP351800	
Sample Date		26 Jan 2024	28 Oct 2022	
Machine Hours		11046	9997	
Oil Hours		500	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.3	13.3	
Base Number (BN)	mg KOH/g	9.6	11.5	
Oxidation (PA)	%	81	88	
CONTAMI	NATION			
Water	%	NEG	NEG	
Soot %	%	0.7	0.7	
Nitration (PA)	%	71	77	
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NEG

<1.0

5

2

0



THE GW VAN KEPPEL COMPANY

8233 WEST RENO OKLAHOMA CITY, OK US 73127 Contact: ZACHARY BOWDISH zbowdish@vankeppel.com T: (405)495-0606 F: (405)495-7603

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.

WEAR N	METALS			
Iron	ppm	13	9	
Copper	ppm		 <1	
Lead	ppm	 <1	< 1	
Tin	ppm	□ <1	<1	
Aluminum	ppm	6	4	
Chromium	ppm		<1	
Molybdenum	ppm	46	49	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	< 1	
Vanadium	ppm	0	0	

ADDITI	IVES			
Calcium	ppm	1648	1802	
Magnesium	ppm	435	543	
Zinc	ppm	1136	1109	
Phosphorus	ppm	976	949	
Barium	ppm	0	0	
Boron	ppm	28	28	

 Depot:
 VOLVO0052

 Unique No:
 10860030

 Signed:
 Wes Davis

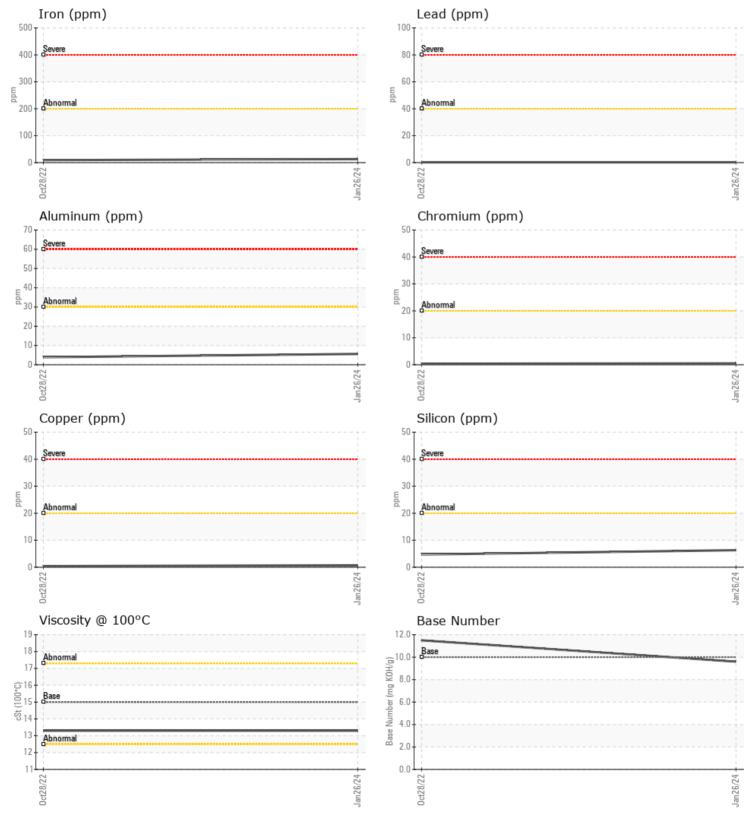
 Report Date:
 02 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: ZACHARY BOWDISH - VOLVO0052