CONSTRUCTION EQUIPMENT 19098 OLDCASTLE DUNN VOLVO L90H 626505 - DIESEL ENGINE

Sample No: VCP425389

VOIN

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	19098 OLDCASTLE DUNN

SAMPLE INFORMATION

Sample Number	-	VCP425389	VCP382806	
Sample Date		10 Jul 2023	11 Apr 2023	
Machine Hours		1705	1087	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
	_			
Visc @ 100°C	cSt	14.0	12.9	
Base Number (BN)	mg KOH/g	9.2	7.7	
Oxidation (PA)	%	59	78	
CONTAMIN				
		-		<u></u>
Soot %	%	0.3	0.4	
Nitration (PA)	%	58	69	
Sulfation (PA)	%	51	57	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	5	19	
Sodium	ppm	□ <1	5	
Potassium	ppm	0	2	

WEAR METALS

WEAR I	METAL2			
Iron	ppm	1 4	46	
Copper	ppm	1	13	
Lead	ppm	6	38	
Tin	ppm	∎1	5	
Aluminum	ppm	4	16	
Chromium	ppm	∎1	3	
Molybdenum	ppm	55	39	
Nickel	ppm	0	<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	■ <1	5	
Vanadium	ppm	0	<1	

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ADDITIVES					
Calcium	ppm	🔳 1080	1560		
Magnesium	ppm	903	583		
Zinc	ppm	1210	1120		
Phosphorus	ppm	979	938		
Barium	ppm	2	6		
Boron	ppm	6	36		



117 - ASCENDUM MACHINERY INC - GREENVILLE 2002 N GREENE ST GREENVILLE, NC US 27834 Contact: BRANDON JENKINS BRANDONJENKINS@ASCENDUMMACHINERY.COM T: F: (704)494-8197

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:
 VOLVO8769

 Unique No:
 10586931

 Signed:
 Don Baldridge

 Report Date:
 05 Aug 2023

Report Id: VOLVO8769 [WUSCAR] 05915017 (Generated: 08/08/2023 02:37:26) Rev: 1

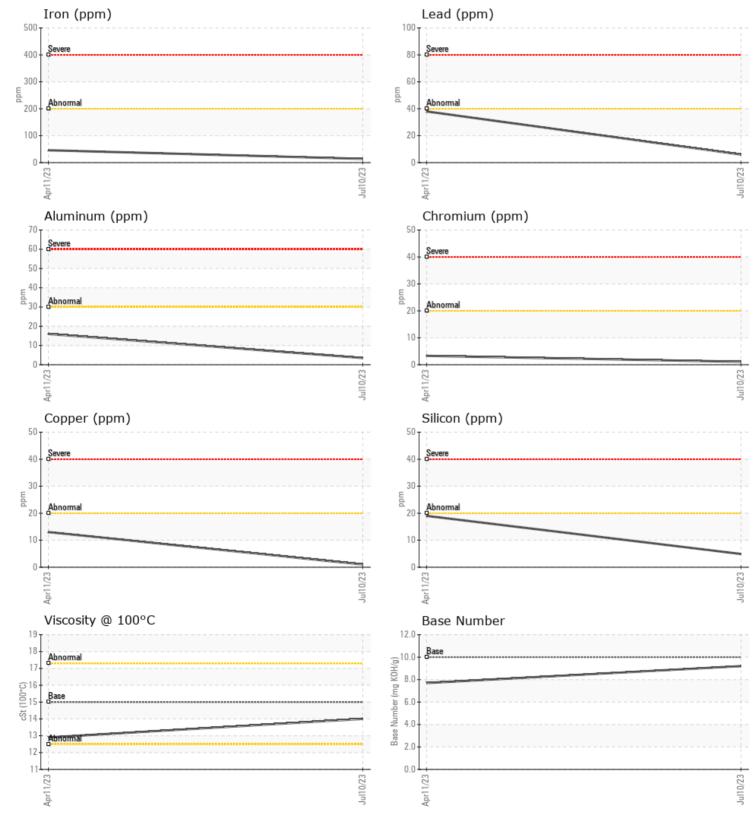
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: BRANDON JENKINS - VOLVO8769