CONSTRUCTION EQUIPMENT SVC 52741 VOLVO L30GS 3224473 - DIESEL ENGINE



 Sample No:
 VCP442296

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SVC 52741

SAMPLE INFORMATION

ppm

ppm

2

2

Sodium

Potassium

VOLVO

Sample Number	-	VCP442296	VCP438673		
Sample Date		12 Feb 2024	02 Feb 2024		
Machine Hours		4699	4700		
Oil Hours		200	300		
Oil Changed		N/A	Not Changd		
Sample Status		NORMAL	NORMAL		
OIL CONDI	TION				
				<u>.</u>	
Visc @ 100°C	cSt	14.5	14.5		
Base Number (BN)	mg KOH/g	7.8	7.6		
Oxidation (PA)	%	63	63		
	-		<u> </u>		<u>.</u> .
Water	%	NEG	NEG		
Soot %	%	0.1	0.1		
Nitration (PA)	%	74	74		
Sulfation (PA)	%	56	57		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	7	6		

BURNS CONSTRUCTION 300 SPERRY AVE STRATFORD, CT

US 06615 Contact: SERVICE MANAGER

Diagnosis

T: F:

> 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 acceptable for the time in service.

WEAR	METALS			
		<u>.</u>		
Iron	ppm	1 0	10	
Copper	ppm	∎1	<1	
Lead	ppm	0	0	
Tin	ppm	0	 <1	
Aluminum	ppm	4	3	
Chromium	ppm		 <1	
Molybdenum	ppm	27	28	
Nickel	ppm	 <1	0	
Titanium	ppm	 <1	 < 1	
Silver	ppm	0	0	
Manganese	ppm	0	 < 1	
Vanadium	ppm	<1	<1	
ADDITI	VES			
Calcium	0.000	2 201		

2

0

Calcium	ppm	2281	2052	
Magnesium	ppm	266	246	
Zinc	ppm	1314	1229	
Phosphorus	ppm	1086	1016	
Barium	ppm	0	0	
Boron	ppm	57	56	

 Depot:
 BURSTR

 Unique No:
 10886308

 Signed:
 Jonathan Hester

 Report Date:
 23 Feb 2024

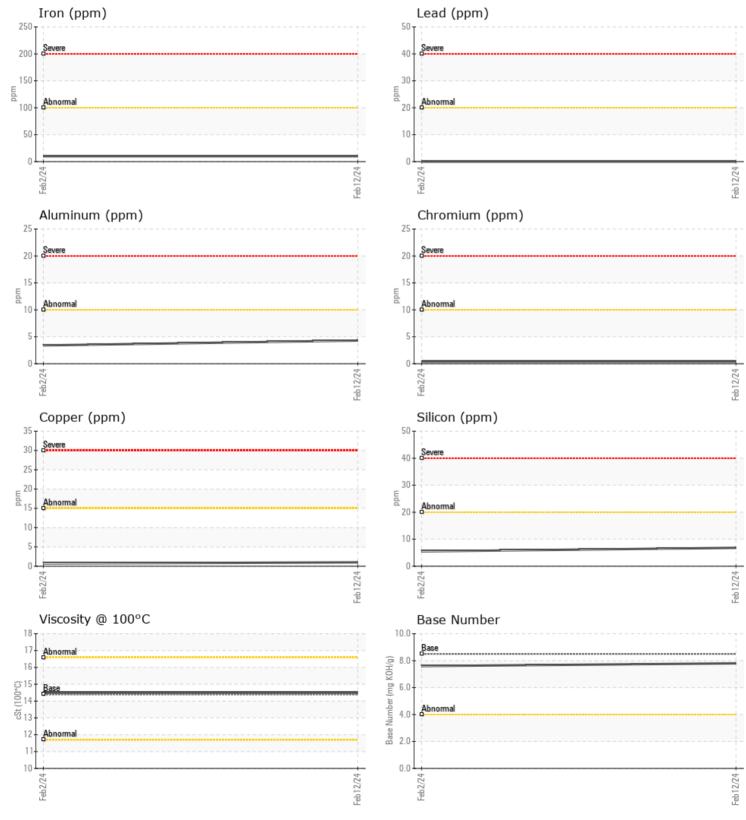
Contact/Location: SERVICE MANAGER ? - BURSTR

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: BURSTR [WUSCAR] 06093455 (Generated: 02/23/2024 14:11:02) Rev: 2

Contact/Location: SERVICE MANAGER ? - BURSTR