CONSTRUCTION EQUIPMENT 9918-3 VOLVO L70H 623602 - DIESEL ENGINE



 Sample No:
 VCP398606

 Oil Type:
 CHEVRON 15W40

 Job No:
 9918-3

VOLVO

SAMPLE INFORMATION

Sample Number		VCP398606	VCP402606	 	
Sample Date		04 Dec 2023	01 Mar 2023	 	
Machine Hours		2937	2651	 	
Oil Hours		0	0	 	
Oil Changed		Changed	Changed	 	
Sample Status		NORMAL	NORMAL	 	
OIL COND	DITION				
Visc @ 100°C	cSt	12.5	13.4	 	
Base Number (BN		7.0	11.2	 	
Oxidation (PA)	%	49	80	 	
VOLVO					
CONTAM	INATION		<u>_</u>		
Water	%	NEG	NEG	 	
Soot %	%	0.1	0.2	 	
Nitration (PA)	%	55	56	 	
Sulfation (PA)	%	49	61	 	
Glycol	%	NEG	NEG	 	
Fuel	%	<1.0	<1.0	 	
Silicon	ppm	9	8	 	
Sodium	ppm	0	2	 	
Potassium	ppm	2	<1	 	

 MCCLUNG-LOGAN EQUIPMENT CO - BALTIMORE 4601 WASHINGTON BOULEVARD
 BALTIMORE, MD US 21227
 Contact: MARK CIULLA mciulla@mcclung-logan.com
 T: (410)242-6500
 F: (410)242-7835

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 METALS

WEAK I	METALS			
Iron	ppm	12	7	
Copper	ppm	2	<1	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	9	4	
Chromium	ppm	1	<1	
Molybdenum	ppm	74	39	
Nickel	ppm	0	0	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	0	<1	
Vanadium	ppm	0	0	

ADDITIVES						
Calcium	ppm	1451	1826			
Magnesium	ppm	379	497			
Zinc	ppm	1022	1086			
Phosphorus	ppm	913	899			
Barium	ppm	3	0			
Boron	ppm	279	56			

 Depot:
 VOLV00150

 Unique No:
 10778852

 Signed:
 Wes Davis

 Report Date:
 09 Dec 2023

Report Id: VOLVO0150 [WUSCAR] 06029061 (Generated: 12/09/2023 13:00:08) Rev: 1

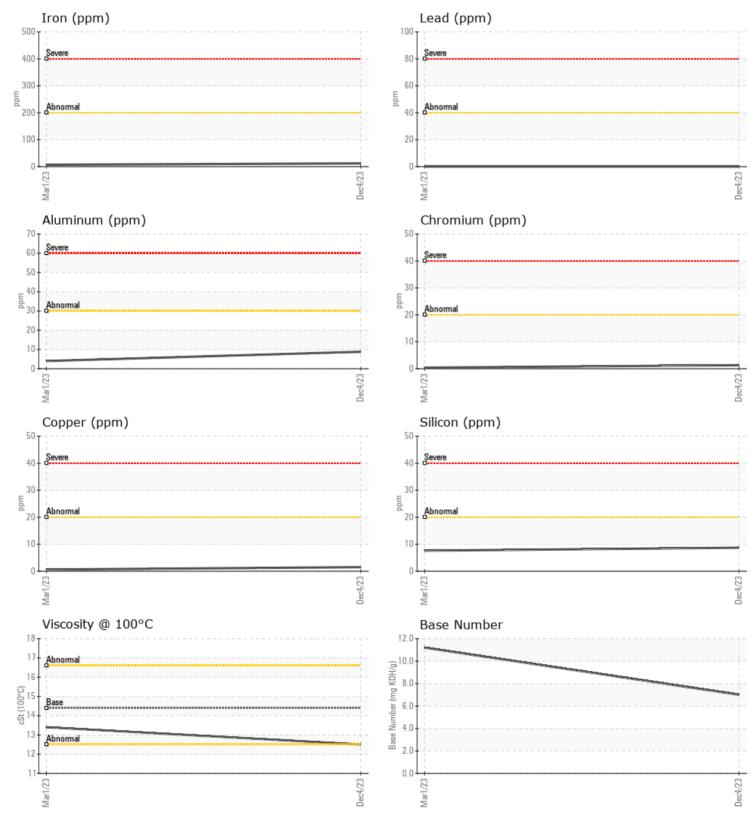
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: MARK CIULLA - VOLVO0150