CONSTRUCTION EQUIPMENT S50402582 AUTOMOTIVE VOLVO L30GS 224604 - DIESEL ENGIN

 Sample No:
 VCP437988

 Oil Type:
 {unknown}

 Job No:
 S50402582 AUTOMOTIVE

TOTAT

SAMPLE	INFORMATION			
Sample Number		VCP437988	 	
Sample Date		26 Jan 2024	 	
Machine Hours		809	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CON	DITION			
Visc @ 100°C	cSt	10.9	 	
Base Number (BN	I) mg KOH/g	6.4	 	
Oxidation (PA)	%	92	 	
CONTAM	IINATION			
Water	%	NEG	 	
Soot %	%	0	 	
Nitration (PA)	%	89	 	
Sulfation (PA)	%	65	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	
Silicon	ppm	1 9	 	
Sodium	ppm	6	 	
Potassium	ppm	2	 	

WEAK P	METALS			
Iron	ppm	1 6	 	
Copper	ppm	A 110	 	
Lead	ppm	2	 	
Tin	ppm	1	 	
Aluminum	ppm	3	 	
Chromium	ppm	∎1	 	
Molybdenum	ppm	39	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	1787				
Magnesium	ppm	412				
Zinc	ppm	1003				
Phosphorus	ppm	799				
Barium	ppm	5				
Boron	ppm	23				



VCES- VOLVO CONSTRUCTION EQUIPMENT

22099 KNABE ROAD CORONA, CA US 92883 Contact: OSCAR DEL CAMPO oscar.delcampo@vcesvolvo.com T: (951)277-7620 F: (951)277-4550

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. Tests indicate that there is no fuel present in the oil. 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.

 Depot:
 VOLVO4486

 Unique No:
 10859449

 Signed:
 Sean Felton

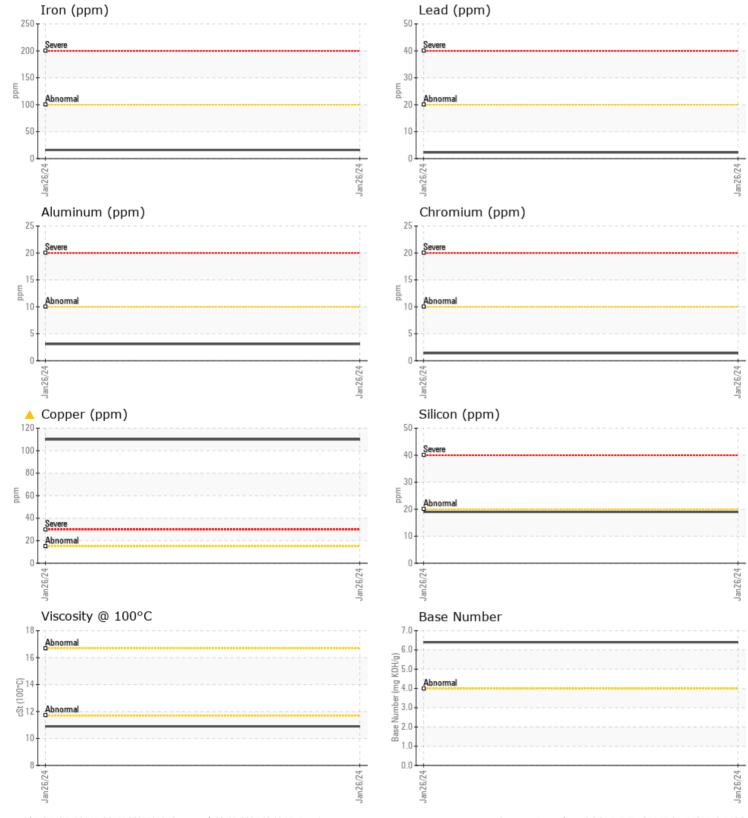
 Report Date:
 05 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO4486 [WUSCAR] 06077358 (Generated: 02/08/2024 13:10:17) Rev: 1

Contact/Location: OSCAR DEL CAMPO - VOLVO4486