CONSTRUCTION EQUIPMENT 392231 VOLVO L90B 61843 - DIESEL ENGINE



Sample No: VCP394296

VOI N

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

392231

	INFORMATION				
			 -	-	
Sample Number		VCP394296	 		
Sample Date		12 Feb 2024	 		
Machine Hours		24721	 		
Oil Hours		500	 		
Oil Changed		Changed	 		
Sample Status		ABNORMAL	 		
OIL CON	DITION				
Visc @ 100°C	cSt	A 11.3	 		
Oxidation (PA)	%	83	 		
CONTAN	MINATION		 		
Water	%	NEG	 		
Soot %	%	0.2	 		
Nitration (PA)	%	96	 		
Sulfation (PA)	%	60	 		
Glycol	%	▲ 0.011	 		
Fuel	%	2.7	 		
Silicon	ppm	8	 		
Sodium	ppm	▲ 27	 		
Potassium	ppm	<u> </u>	 		
Totassium	ppin	_ 0			
VOLVO					
🤍 WEAR M	METALS				
Iron	ppm	32	 		
Copper	ppm	6	 		
Lead	ppm	2	 		
Tin	ppm	1	 		
Aluminum	ppm	3	 		
Chromium	ppm	∎1	 		
Molybdenum	ppm	67	 		
Nickel	ppm	3	 		
Titanium	ppm	0	 		
Silver	ppm	0	 		
Manganese	ppm	0	 		
in guilese	PPIII				

Vanadium

ppm

ADDITIVES								
Calcium	ppm	1199						
Magnesium	ppm	827						
Zinc	ppm	1077						
Phosphorus	ppm	872						
Barium	ppm	0						
Boron	ppm	30						



STRONGCO EQUIP (AB)

5 - 38403 BURNT LAKE TRAIL RED DEER COUNTY, AB CA T4S 2L4 Contact: Perry Doyle odoyle@strongco.com T: (403)391-3520 F: (403)346-3487

Diagnosis

Ne advise that you check for the ource of the coolant leak. The oil hange at the time of sampling has been noted. Confirm the source of he lubricant being utilized for topup/fill. We recommend an early esample to monitor this condition. No other corrective action is ecommended at this time. The fluid vas specified as VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3, nowever, a fluid match indicates that his fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade on your next sample.All component wear rates are normal. Test for glycol s positive. Light fuel dilution occurring. There is a light concentration of glycol present in the oil. No other contaminants were letected in the oil. This plus the additive levels indicates that this is not the same brand, or type of oil as eported. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO9652

 Unique No:
 5734483

 Signed:
 Wes Davis

 Report Date:
 23 Feb 2024

Report Id: VOLVO9652 [WCAMIS] 02617373 (Generated: 02/23/2024 09:28:07) Rev: 1

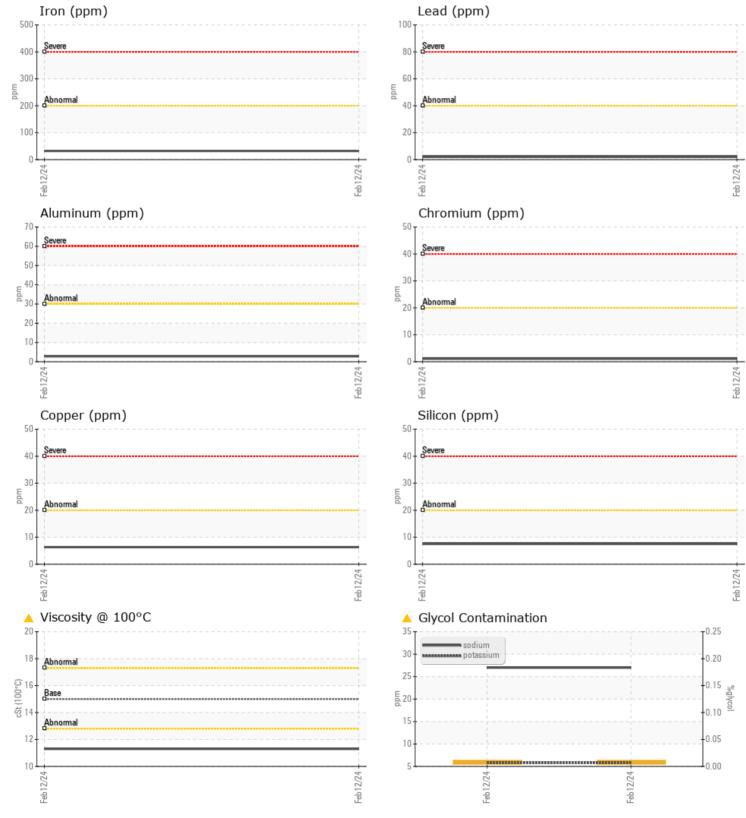
Contact/Location: Perry Doyle - VOLVO9652

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Perry Doyle - VOLVO9652