CONSTRUCTION EQUIPMENT

Sample No:	VCP450438
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	8000397962

SAMPLE INFORMATION

JOLVO

Sample Number		VCP450438	 	
Sample Date		19 Mar 2024	 	
Machine Hours		12990	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDI	ΤΙΩΝ			
Visc @ 100°C	cSt	13.5	 	
Oxidation (PA)	%	63	 	
CONTAMI				
Water	%	NEG	 	
Soot %	%	0	 	
Nitration (PA)	%	42	 	
Sulfation (PA)	%	57	 	
Glycol	%	0.048	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	6	 	
Potassium	ppm	<mark>/</mark> 6	 	

VOLVO				
WEAD I	METALS			
Iron	ppm	7	 	
Copper	ppm	4	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Vanadiui

ADDIT	IVES			
Calcium	ppm	1960	 	
Magnesium	ppm	12	 	
Zinc	ppm	1007	 	
Phosphorus	ppm	884	 	
Barium	ppm	0	 	
Boron	ppm	170	 	
501011	PP111	.70		



STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
RED DEER COUNTY, AB
CA T4S 2L4
Contact: Perry Doyle
pdoyle@strongco.com
T: (403)391-3520
F: (403)346-3487

Diagnosis

We advise that you check for the source of the coolant leak. We recommend that you drain the oil from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with oil. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.All component wear rates are normal. Test for glycol is positive. There is a moderate concentration of glycol present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO9652

 Unique No:
 5749263

 Signed:
 Kevin Marson

 Report Date:
 25 Mar 2024

Report Id: VOLVO9652 [WCAMIS] 02624144 (Generated: 03/25/2024 16:21:53) Rev: 1

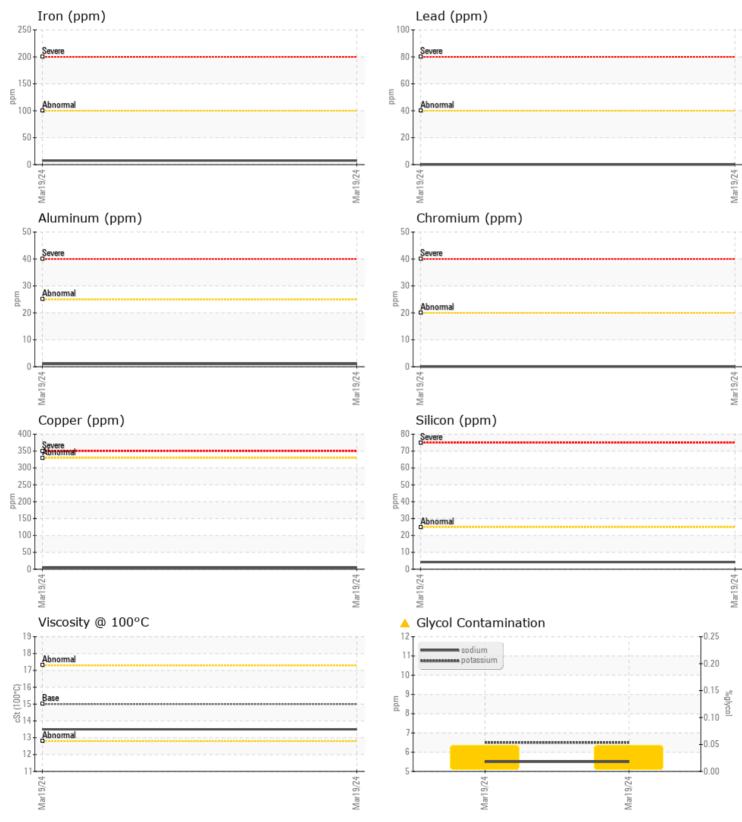
Contact/Location: Perry Doyle - VOLVO9652

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO9652 [WCAMIS] 02624144 (Generated: 03/25/2024 16:21:56) Rev: 1

Contact/Location: Perry Doyle - VOLVO9652