CONSTRUCTION EQUIPMENT 228070 DT UTILITIES VOLVO EC 160EL 310108 - DIESEL ENGINE

Sample No:VCP408106Oil Type:NOT GIVENJob No:228070 DT UTILITIES

VOLVO

SAMPLE	INFORMATION			
Sample Number		VCP408106	 	
Sample Date		20 Jun 2023	 	
Machine Hours		10238	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CON	DITION			ſ
Visc @ 100°C	cSt	8.2	 	
Base Number (BN	J) mg KOH/g	9.3	 	
Oxidation (PA)	%	52	 	
CONTAM	IINATION			
Soot %	%	0.1	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	🛑 19.5	 	
Silicon	ppm	6	 	
Sodium	ppm	3	 	

Sodium Potassium

ppm

2

WEAR METALS 8 Iron ppm Copper 2 ppm Lead 1 ppm Tin ■ <1 ppm Aluminum ppm 0 Chromium ppm 1 Molybdenum 210 ppm Nickel ppm **||** <1 Titanium ppm <1 Silver < 1 ppm Manganese ppm <1 Vanadium 0 ppm

Variaciui

ADDITIVES											
	ppm		923								
	ppm		806								
	ppm		1037								
	ppm		936								
	ppm		5								
	ppm		16								
	ppm		5								



ROMCO INC

1350 NE LOOP 820 FORT WORTH, TX US 76106 Contact: ROB HOLCOMB rholcomb@romco.com T: (817)798-9289 F: (817)626-8983

Diagnosis

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO0081

 Unique No:
 10533360

 Signed:
 Wes Davis

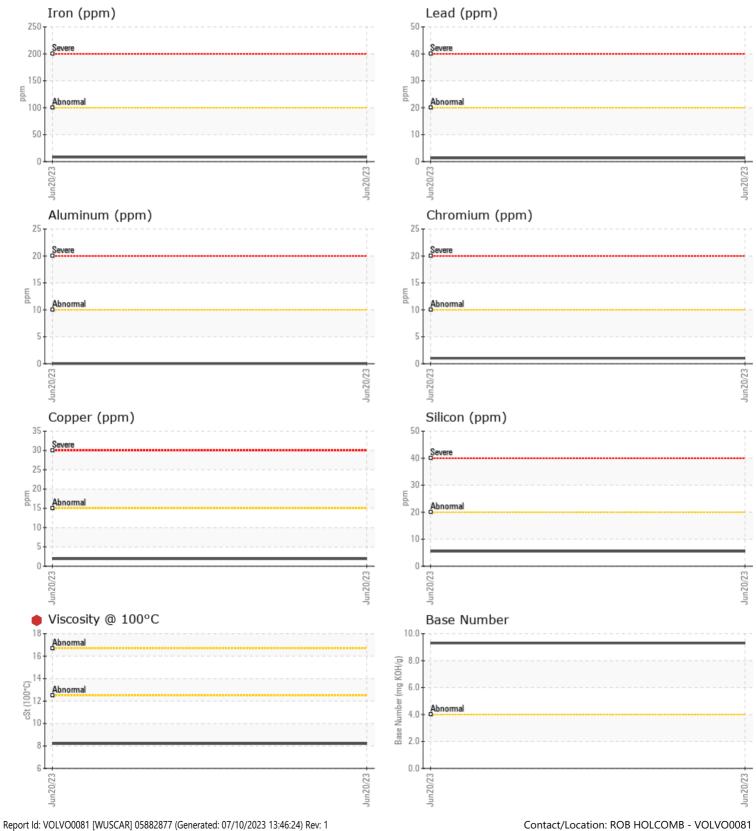
 Report Date:
 28 Jun 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/ Location. 1