

CONSTRUCTION EQUIPMENT VOLVO A40G 342619 - DIESEL ENGINE



Sample No: VCP426678

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

Job No:

SAMPLE I	NFORMATION				
Sample Number	-	VCP426678	 		
Sample Date		12 Aug 2023	 		
Machine Hours		7325	 		
Oil Hours		0	 		
Oil Changed		Changed	 		
Sample Status		ABNORMAL	 		
OIL CONDI	TION				
Visc @ 100°C	cSt	12.2	 		
Base Number (BN)	mg KOH/g	5.3	 		
Oxidation (PA)	%	96	 		
	INTION				
	-	, NEC	 -	<u>-</u>	
Water	%	NEG	 		
Soot %	%	□ 0.4 93	 		
Nitration (PA) Sulfation (PA)	%	68	 		
Glycol Fuel	%	NEG	 		
Silicon		3 .1	 		
Sodium	ppm	5	 		
Potassium	ppm	1	 		
Fotassium	ppm		 		
VOLVO	TAIC				
WEAR ME	IALS	-	 <u>.</u>	<u>.</u>	
Iron	ppm	25	 		
Copper	ppm	12	 		
Lead	ppm	1	 		
Tin	ppm	1	 		
Aluminum	ppm	1 2	 		
Chromium	ppm	1	 		
Molybdenum	ppm	4 1	 		
Nickel	ppm	9	 		
Titanium	ppm	<1	 		
Silver	ppm	0	 		
Manganese	ppm	∎1	 		
Vanadium	ppm	0	 		
VOLVO			 		
	2				
Calcium	ppm	1633	 		
Magnesium	ppm	510	 		
Zinc	ppm	1108	 		
Phosphorus	ppm	817	 		
Barium	ppm	0	 		
Deren					



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

418 PALM RIVER ROAD AMPA, FL IS 33619 fontact: KENNY HANEY haney@flaglerce.com : (813)630-0077 : (813)630-2233

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate 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:
 VOLVO0093

 Unique No:
 10605795

 Signed:
 Wes Davis

 Report Date:
 17 Aug 2023

ppm

Boron

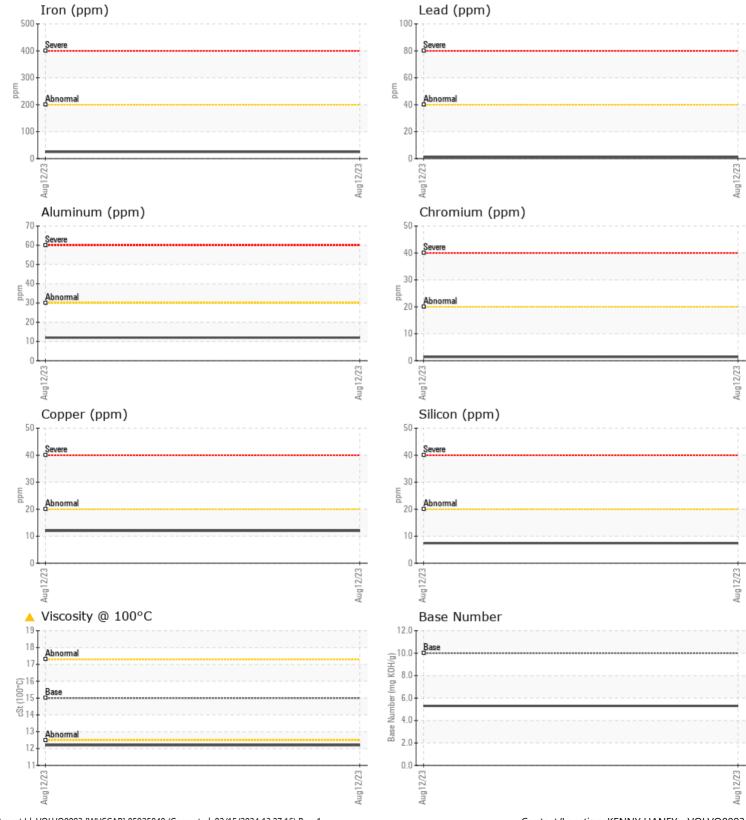
8

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KENNY HANEY - VOLVO0093