CONSTRUCTION EQUIPMENT SW-25462-2 ELITE CH VOLVO EC220E 315109 - DIESEL ENGINE

Sample No: VCP430683 Oil Type: VOLVO ULT

VOLVO

Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:SW-25462-2 ELITE CH

VCD420C02

SAMPLE INFORMATION

Sample Number		VCP430683	 	
Sample Date		17 Oct 2023	 	
Machine Hours		312	 	
Oil Hours		312	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL COND				
Visc @ 100°C	cSt	13.4	 	
Base Number (BN) mg KOH/g	6.9	 	
Oxidation (PA)	%	43	 	
CONTAM				
CONTAM	INATION			
Soot %	%	∎0.1	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	47	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	16	 	
Sodium	ppm	□<1	 	
Potassium	ppm	3	 	

Potassium

WEAR METALS 14 Iron ppm Copper **7** ppm Lead **||** <1 ppm Tin 2 ppm Aluminum ppm 3 **||** <1 Chromium ppm Molybdenum 40 ppm Nickel 5 ppm Titanium ppm 6 Silver 0 ppm Manganese 2 ppm Vanadium 0 ppm

variaului

ADDITIVES							
ppm	2237						
ppm	123						
ppm	1058						
ppm	967						
ppm	0						
ppm	19						
	ppm ppm ppm ppm	ppm 123 ppm 1058 ppm 967 ppm 0	ppm 123 ppm 1058 ppm 967 ppm 0	ppm 123 ppm 1058 ppm 967 ppm 0			



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. 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 suitable for further service.

 Depot:
 VOLVO8770

 Unique No:
 10708832

 Signed:
 Wes Davis

 Report Date:
 24 Oct 2023

Report Id: VOLVO8770 [WUSCAR] 05986170 (Generated: 10/26/2023 11:46:34) Rev: 1

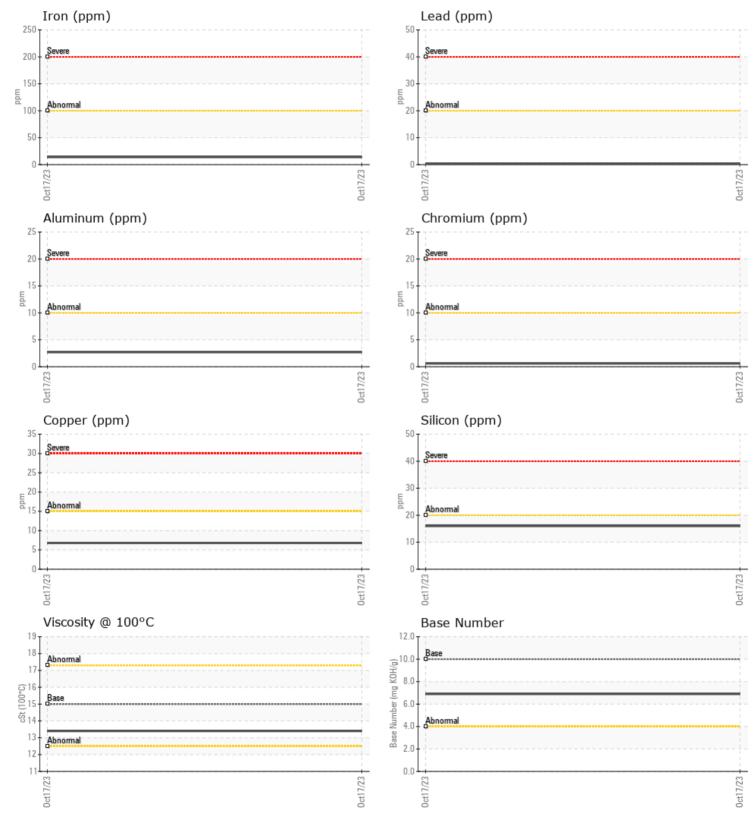
Contact/Location: TONY PAYAN - VOLVO8770

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 05986170 (Generated: 10/26/2023 11:46:37) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770