CONSTRUCTION EQUIPMENT

Sample No:VCP407144Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:S&A SCRAP

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP407144			
Sample Date		25 Sep 2023			
Machine Hours		2892			
Oil Hours		1000			
Oil Changed		Changed			
Sample Status		MARGINAL			
OIL CONDI	τιον				
	IIUN				
Visc @ 100°C	cSt	15.3			
Base Number (BN)	mg KOH/g	6.5			
Oxidation (PA)	%	143			
	on (PA) % 143				
	IATION		_		
Soot %	%	2.8			
Nitration (PA)	%	142			
Sulfation (PA)	%	93			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	6			
Sodium	ppm	5			
Potassium	ppm	5			

Potassium

WEAR METALS **105** Iron ppm Copper 13 ppm Lead **||** <1 ppm Tin **||** <1 ppm Aluminum ppm 2 Chromium ppm <1 Molybdenum 45 ppm Nickel ppm **||** <1 Titanium 0 ppm Silver 0 ppm Manganese ppm 1 🔲 Vanadium ppm <1

vanadium

ADDITIVES								
Calcium	ppm	1900						
Magnesium	ppm	560						
Zinc	ppm	1267						
Phosphorus	ppm	985						
Barium	ppm	0						
Boron	ppm	28						



GREEN MACHINE SERVICES LLC

13 SPYROS DRIVE SOUTH AMBOY, NJ US 08879 Contact: JOE GRZANKOWSKI JOE@GREENMSRV.COM T: (732)673-5920 F:

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Cylinder, crank, or cam shaft wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 GRESOUNJ

 Unique No:
 10675067

 Signed:
 Doug Bogart

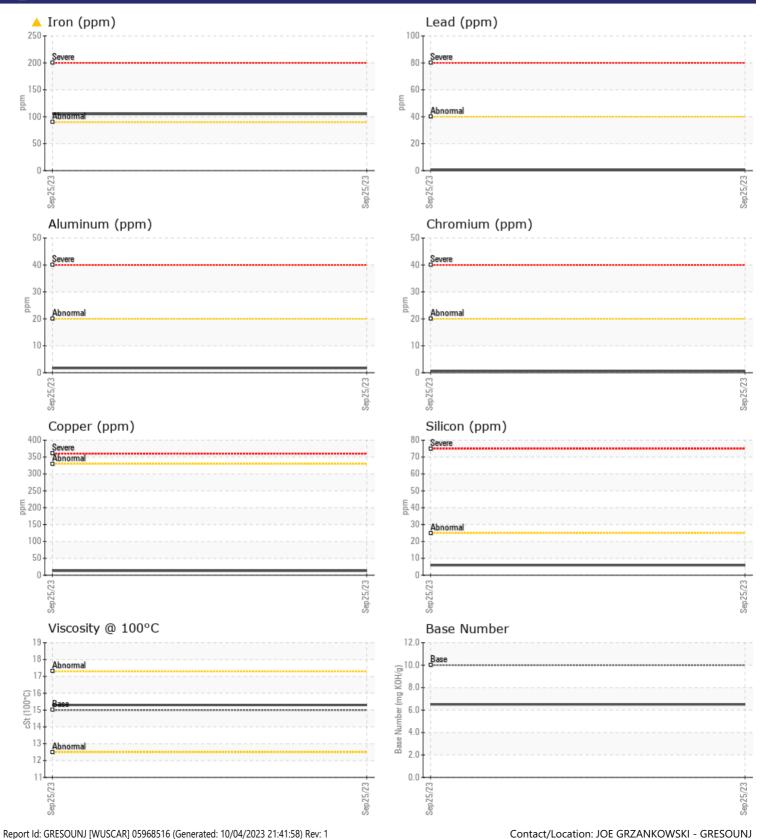
 Report Date:
 04 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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