CONSTRUCTION EQUIPMENT 715875 MOSAIC VOLVO A40G 752332 - DIESEL ENGINE



Sample No:VCP445566Oil Type:VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Glycol

Silicon

Sodium

14

Potassium

Fuel

%

%

ppm

ppm

ppm

NEG

0.2

26

4

2

1

715875 MOSAIC

VOLVO				
	NFORMATION			
Sample Number	-	VCP445566	 	
Sample Date		14 May 2024	 	
Machine Hours		667	 	
Oil Hours		667	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL COND	ITION			
Visc @ 100°C	cSt	10.7	 	
Base Number (BN)	mg KOH/g	5.7	 	
Oxidation (PA)	%	56	 	
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	82	 	
Sulfation (PA)	%	54	 	

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

WEAD	METALS			
WEAR I	METALS			
Iron	ppm	1 3	 	
Copper	ppm	263	 	
Lead	ppm	4	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm		 	
Molybdenum	ppm	83	 	
Nickel	ppm	 <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

ADDITIVES						
Calcium	ppm	2331				
Magnesium	ppm	28				
Zinc	ppm	1182				
Phosphorus	ppm	1024				
Barium	ppm	0				
Boron	ppm	35				

 Depot:
 VOLVO0093

 Unique No:
 11071686

 Signed:
 Jonathan Hester

 Report Date:
 13 Jun 2024

Report Id: VOLVO0093 [WUSCAR] 06204225 (Generated: 06/14/2024 04:02:40) Rev: 1

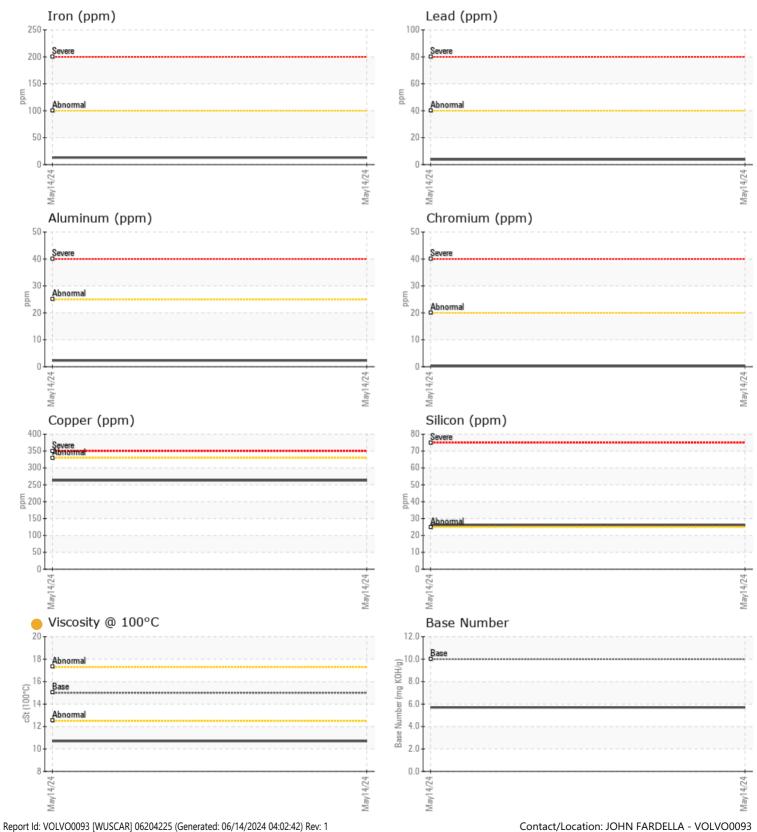
Contact/Location: JOHN FARDELLA - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/ Locati