CONSTRUCTION EQUIPMENT SWA441468 RYAN CENTR VOLVO A45G 353583 - DIESEL ENGINE

 Sample No:
 VCP417639

 Oil Type:
 MOBIL SYNTHETIC 10W30

 Job No:
 SWA441468 RYAN CENTR

VOLVO

Sulfation (PA)

Glycol

Silicon

Sodium

Fuel

%

%

%

ppm

ppm

59

NEG

<1.0

8 🔲

3

SAMPLE II	FORMATION			
Sample Number	-	VCP417639	VCP406564	
Sample Date		06 Feb 2024	18 Dec 2023	
Machine Hours		640	572	
Oil Hours		140	60	
Oil Changed		Not Changd	Not Changd	
Sample Status		NORMAL	ATTENTION	
OIL CONDI	TION			
Visc @ 100°C	cSt	11.0	11.2	
Base Number (BN)	mg KOH/g	9.3	9.4	
Oxidation (PA)	%	75	74	
CONTAMIN	ATION			
Water	%	NEG	NEG	
Soot %	%	0.1	0.1	
Nitration (PA)	%	51	46	

59

7

3

NEG



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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.

Potassium	ppm	0	□ 1					
WEAR METALS								
Iron	ppm	6	5					
Copper	ppm	81	67					
Lead	ppm	0	0					
Tin	ppm	1	1					
Aluminum	ppm	1	1					
Chromium	ppm		<1					
Molybdenum	ppm	44	45					
Nickel	ppm	1	1					
Titanium	ppm	0	0					
Silver	ppm	0	0					
Manganese	ppm	<1	 <1					
Vanadium	ppm	0	<1					

ADDITIVES							
Calcium	ppm	1636	1764				
Magnesium	ppm	429	428				
Zinc	ppm	918	964				
Phosphorus	ppm	792	844				
Barium	ppm	0	0				
Boron	ppm	59	67				

 Depot:
 VOLVO8885

 Unique No:
 10870365

 Signed:
 Wes Davis

 Report Date:
 08 Feb 2024

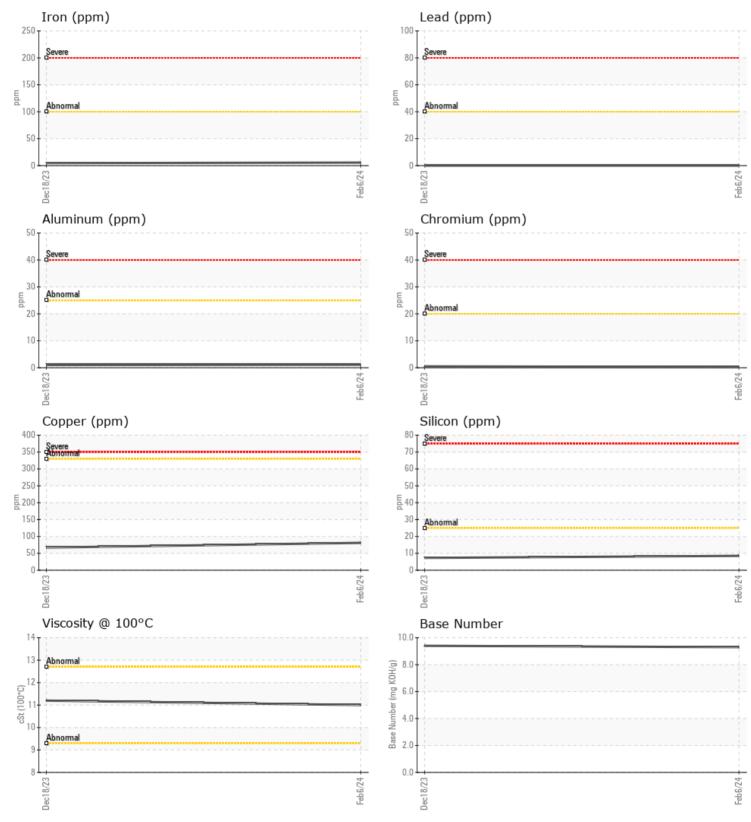
Contact/Location: DAVE ENG - VOLVO8885

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 06082920 (Generated: 02/08/2024 16:34:35) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885