

CONSTRUCTION EQUIPMENT VOLVO A40G 752009 - DIESEL ENGINE



 Sample No:
 VCP398087

 Oil Type:
 MOBIL 15W40

Job No:

	NFORMATION				
	NFURMATION		VCD212061		-
Sample Number		VCP398087	VCP312961		
Sample Date		30 Oct 2023	12 Sep 2023		
Machine Hours		777	482		
Oil Hours		295	482		
Dil Changed		Changed	Changed		
Sample Status		NORMAL	ABNORMAL		
VOLVO					
🔍 🔰 OIL CONDI	TION				
Visc @ 100°C	cSt	12.7	1 1.3		
Base Number (BN)	mg KOH/g	7.2	6.7		
Oxidation (PA)	%	60	58		
CONTAMI					
	-			_	
Soot %	%	0.1	0.1		
Nitration (PA)	%	69	80		
Sulfation (PA)	%	50	52		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	0.5		
Silicon	ppm	5	25		
Sodium	ppm	1	2		
Potassium	ppm	□ <1	3		
VOLVO					
🤍 WEAR ME	TALS				
ron	ppm	4	14		
Copper	ppm	1 7	440		
_ead	ppm	0	<1		
Tin	ppm	<1	3		
Aluminum	ppm	3	4		
Chromium	ppm	0	0		
Molybdenum	ppm	115	87		
Nickel	ppm	2	1		
Titanium	ppm	0	<1		
Silver	ppm	0	0		
Manganese	ppm	■ <1	2		
Vanadium	ppm	0	0		

2156

1167

977

0

39

69

SCHILDBERG CONSTRUCTION COMPANY

PO BOX 358 GREENFIELD, IA US 50849 Contact: SCOTT ARMSTRONG sarmstrong@schildberg.com T: (641)743-8237 F: (641)743-2486

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. 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:
 SCHGRE

 Unique No:
 10736458

 Signed:
 Sean Felton

 Report Date:
 10 Nov 2023

1301

676

905 🔲

722

118

0

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

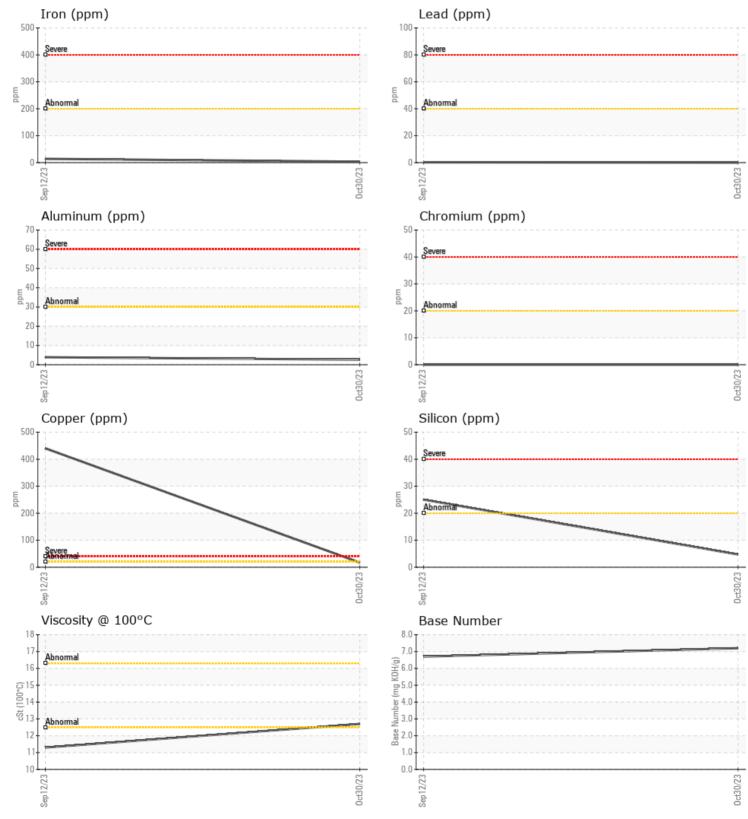
Phosphorus

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCHGRE [WUSCAR] 06002696 (Generated: 11/13/2023 15:34:25) Rev: 1

Contact/Location: SCOTT ARMSTRONG - SCHGRE