

## CONSTRUCTION EQUIPMENT VOLVO A40G 353406 - DIESEL ENGINE



 Sample No:
 VCP447467

 Oil Type:
 MOBIL 15W40

#### Job No:

Phosphorus

Barium

Boron

VOLVO				
SAMPLE II	NFORMATION			
Sample Number	-	VCP447467	 	
Sample Date		06 Jun 2024	 	
Machine Hours		929	 	
Oil Hours		270	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI				
Visc @ 100°C	cSt		 <u>.</u>	<u>.</u>
-		<b>■</b> 12.2	 	
Base Number (BN)		9.6	 	
Oxidation (PA)	%	78	 	
VOLVO				
CONTAMI	NATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>10</b>	 	
Sodium	ppm	2	 	
Potassium	ppm	<b>  </b> <1	 	
WEAR ME	TAIS			
	•	<b>10</b>	 	
Iron Copper	ppm	29	 	
Lead	ppm	0	 	
Tin	ppm ppm	<b>■</b> <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	45	 	
Nickel	ppm	<b>■</b> =5	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>□</b> <1	 	
Vanadium	ppm	0	 	
VOLVO	<b>.</b>			
	7			
Calcium	ppm	<b>1928</b>	 	
Magnesium	ppm	<b>514</b>	 	
Zinc	ppm	1301	 	
		- 4445		



#### 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.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.

 Depot:
 SCHGRE

 Unique No:
 11084076

 Signed:
 Wes Davis

 Report Date:
 19 Jun 2024

Contact/Location: SCOTT ARMSTRONG - SCHGRE

ppm

ppm

ppm

1115

0 🔲

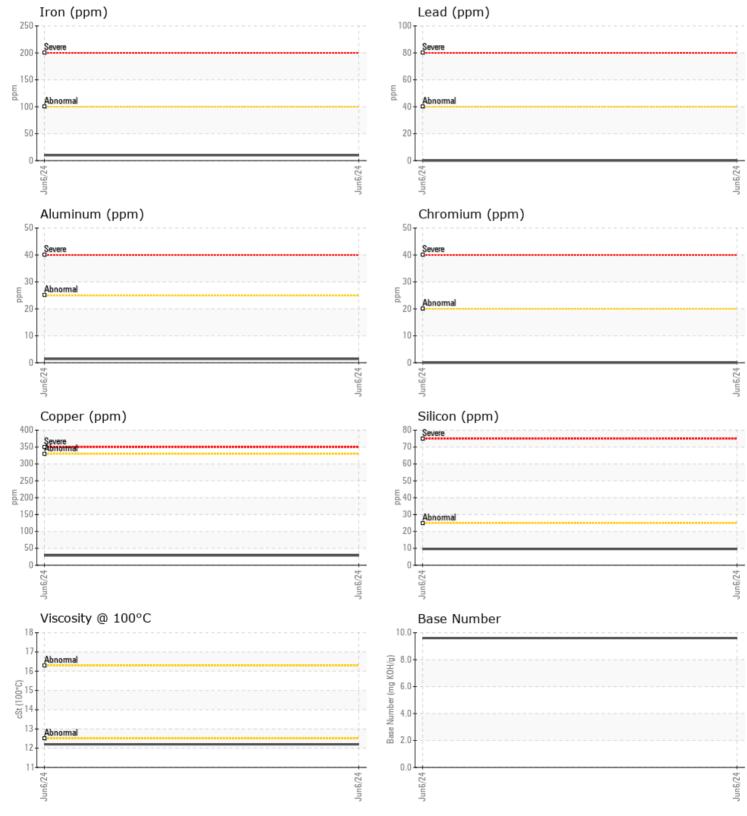
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# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: SCOTT ARMSTRONG - SCHGRE