CONSTRUCTION EQUIPMENT ST MARY'S CEMENT 8-378398 VOLVO A40G 353345 - DIESEL ENG

Sample No:	VCP394800
Oil Type:	DIESEL ENGINE OIL SAE 10W30

8-378398

Job No:

# SAMPLE INFORMATION

VOLVO

Sample Number		VCP394800	VCP333859		
Sample Date		14 Sep 2023	08 Jun 2023		
Machine Hours		1080	585		
Oil Hours		0	0		
Oil Changed		Changed	Not Changd		
Sample Status		NORMAL	NORMAL		
OIL COND	TION				
Visc @ 100°C	cSt	10.5	10.4		
Oxidation (PA)	%	68	60		
CONTAMINATION					

Soot %	%	0.1	0	 
Nitration (PA)	%	90	87	 
Sulfation (PA)	%	71	59	 
Glycol	%	0.0	NEG	 
Fuel	%	<1.0	0.9	 
Silicon	ppm	25	26	 
Sodium	ppm	<b>4</b>	3	 
Potassium	ppm	3	3	 

## 

WLAK M	CIALS			
Iron	ppm	26	21	 
Copper	ppm	<b>192</b>	264	 
Lead	ppm	5	7	 
Tin	ppm	3	3	 
Aluminum	ppm	3	3	 
Chromium	ppm		0	 
Molybdenum	ppm	85	86	 
Nickel	ppm	2	1	 
Titanium	ppm	0	<b></b> <1	 
Silver	ppm	0	0	 
Manganese	ppm	3	4	 
Vanadium	ppm	0	0	 

ADDITIV	ES			
Calcium	ppm	<b>1995</b>	2296	 
Magnesium	ppm	<b>116</b>	39	 
Zinc	ppm	1098	1182	 
Phosphorus	ppm	997	1074	 
Barium	ppm	0	0	 
Boron	ppm	8	29	 



#### STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD MISSISSAUGA, ON CA L4W 4L4 Contact: Janice Cripps jcripps@strongco.com T: (905)565-3876 F: (905)670-2338

### 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 condition of the oil is acceptable for the time in service.

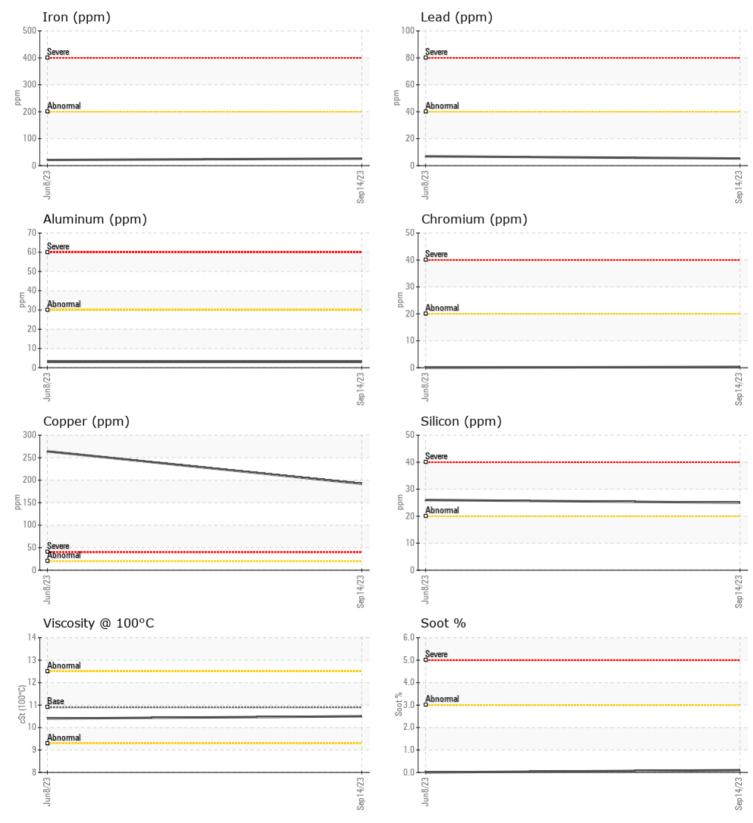
Depot: SHEMIS Unique No: 5643812 Signed: Kevin Marson Report Date: 15 Sep 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: SHEMIS [WCAMIS] 02582747 (Generated: 09/15/2023 16:41:08) Rev: 1

Contact/Location: Janice Cripps - SHEMIS