

# **CONSTRUCTION EQUIPMENT** TORO TX 1000W 414467976 - DIESEL ENGINE



#### VCP401049 Sample No:

**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

#### Job No:

Chromium

Bar Boron ppm

ppm

<1

VOLVO					
	FORMATION		 _		
Sample Number		VCP401049	 		
Sample Date		12 Sep 2023	 		
Machine Hours		158	 		
Oil Hours		0	 		
Oil Changed		Changed	 		
Sample Status		ATTENTION	 		
OIL CONDI	TION				
Visc @ 100°C	cSt	<b>10.9</b>	 		
Base Number (BN)		9.0	 		
Oxidation (PA)	%	59	 		
	70	55	 		
VOLVO					
Contamin	NATION				
Soot %	%	0.3	 		
Nitration (PA)	%	55	 		
Sulfation (PA)	%	51	 		
Glycol	%	NEG	 		
Fuel	%	<b>1.3</b>	 		
Silicon	ppm	28	 		
Sodium	ppm	3	 		
Potassium	ppm	<b>1</b>	 		
WEAR ME	TAIS		 		
				-	
Iron	ppm	20	 		
Copper	ppm	<b>10</b>	 		
Lead	ppm	<b>0</b>	 		
Tin	ppm	<b></b> <1	 		
Aluminum	ppm	4	 		



#### ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. 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.

Molybdenum	ppm	62										
Nickel	ppm	0										
Titanium	ppm	<1										
Silver	ppm	0										
Manganese	ppm	2										
Vanadium	ppm	<1										
ADDITIVES												
Calcium	ppm	1367										
Magnesium	ppm	991										
Zinc	ppm	1322										
Phosphorus	ppm	<b>1045</b>										
Barium												

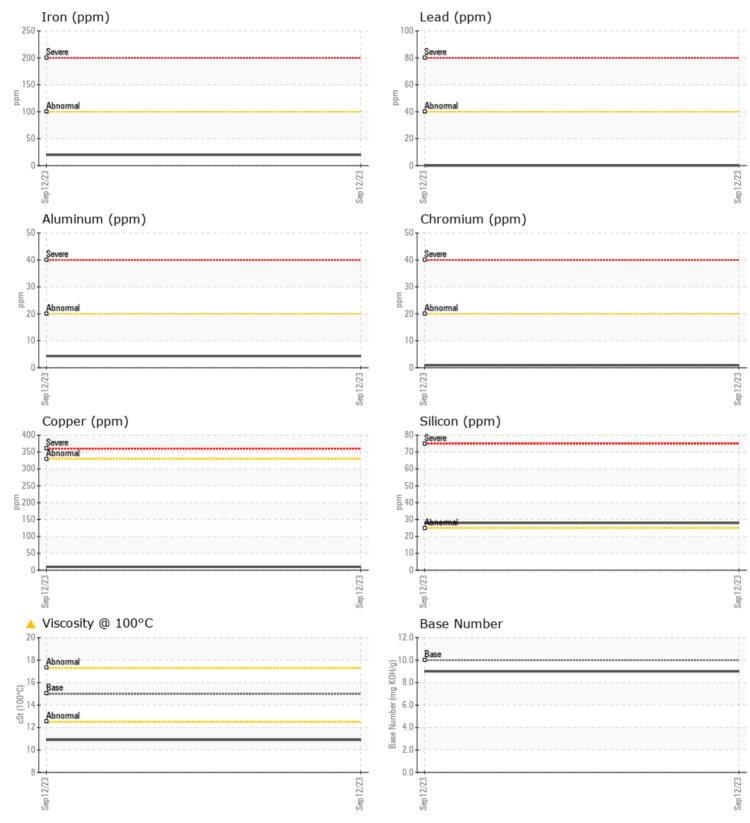
Depot: VOLVO0090 Unique No: 10649650 Signed: Sean Felton Report Date: 20 Sep 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 05953691 (Generated: 09/20/2023 11:16:07) Rev: 1

Contact/Location: TODD LARK - VOLVO0090