

## **CONSTRUCTION EQUIPMENT** VOLVO SD115B 236897 - DIESEL ENGINE



#### VCP408523 Sample No:

**Oil Type:** 

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

#### Job No:

SAMPI F IN	FORMATION			
Sample Number		VCP408523	 	
Sample Date		23 Jun 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		SEVERE	 	
Sample Status		JEVERE	 	
OIL CONDI	τιον			
	-			
Visc @ 100°C	cSt	12.6	 	
Base Number (BN)	mg KOH/g	■10.1	 	
Oxidation (PA)	%	83	 	
VOLVO				
CONTAMIN	ATION			
Soot %	%	0.3	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	64	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	▲ 26	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	3	 	
	ppiii			
VOLVO				
WEAR MET	TALS			
Iron	ppm	66	 	
Copper	ppm	29	 	
Lead	ppm	0	 	
Tin	ppm	3	 	
Aluminum	ppm	66	 	
Chromium	ppm	<b>9</b>	 	
Molybdenum	ppm	44	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
	-			
	2			
Calcium	ppm	<b>1751</b>	 	
Magnesium	ppm	583	 	
Zinc	ppm	<b>1262</b>	 	
Phosphorus	ppm	995	 	
Barium	ppm	0	 	
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#### WIN EQUIPMENT COMPANY

DRAWER 9367 NTGOMERY, AL 36108 tact: BRYAN DICKS cks@cowin.com 334)262-6642 34)269-1514

### agnosis

and filter change at the time of npling has been noted. We advise it you inspect for the source(s) of ar. We recommend an early ample to monitor this ndition.The aluminum level is vere. Piston wear is indicated. emental level of silicon (Si) above rmal indicating ingress of seal terial. The BN result indicates that ere is suitable alkalinity remaining the oil. The oil is no longer viceable as a result of the normal and/or severe wear.

Depot: VOLVO8532 Unique No: 10545747 Signed: Jonathan Hester Report Date: 07 Jul 2023

Report Id: VOLVO8532 [WUSCAR] 05889937 (Generated: 07/07/2023 15:11:30) Rev: 1

47

ppm

Boron

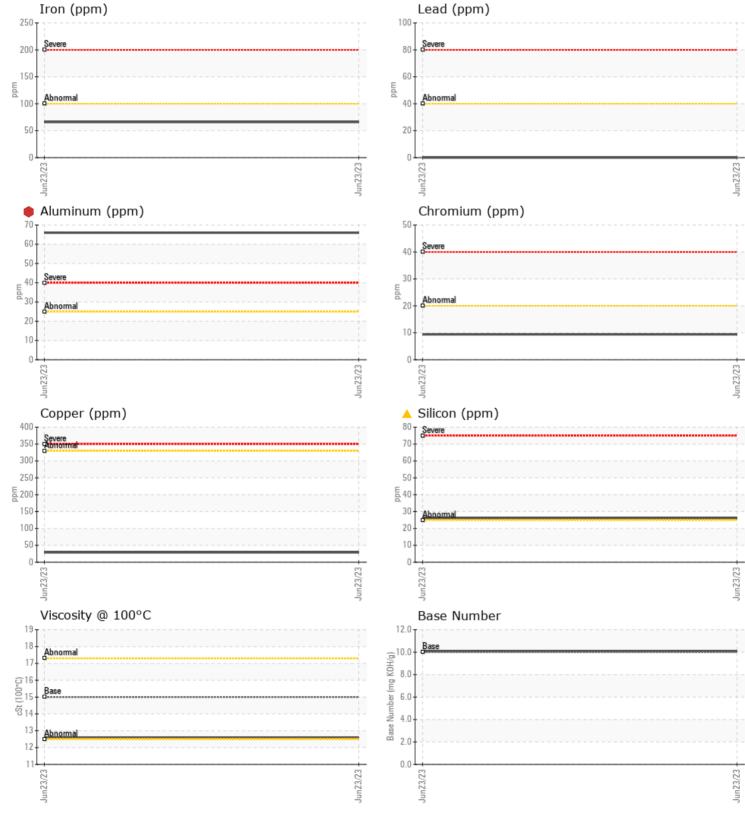
Contact/Location: BRYAN DICKS - VOLVO8532

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8532 [WUSCAR] 05889937 (Generated: 07/07/2023 15:11:32) Rev: 1

Contact/Location: BRYAN DICKS - VOLVO8532