# VOLVO

#### CONSTRUCTION EQUIPMENT RENTAL VOLVO A40G 752203 - DIESEL ENGINE



# Sample No: VCP447042 Oil Type: VOLVO ULT

RENTAL

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

### SAMPLE INFORM

SAMPLE I	NFORMATION								
Sample Number	-	VCP447042							
Sample Date		28 Mar 2024							
Machine Hours		541							
Oil Hours		0							
Oil Changed		Changed							
Sample Status		ATTENTION							
OIL CONDITION									
Visc @ 100°C	cSt	10.9							
Base Number (BN)	mg KOH/g	5.3							
Oxidation (PA)	%	54							
CONTAMINATION									
Water	%	NEG							
Soot %	%								
Nitration (PA)	%	81							
Sulfation (PA)	%	52							
Glycol	%	NEG							
Fuel	%	2.6							
Silicon	ppm	30							
Sodium	ppm	3							
Potassium	ppm	■ <1							

Potassium

WEAR METALS								
Iron	ppm	14						
Copper	ppm	294						
Lead	ppm	■ <1						
Tin	ppm	3						
Aluminum	ppm	3						
Chromium	ppm	0						
Molybdenum	ppm	85						
Nickel	ppm							
Titanium	ppm	0						
Silver	ppm	0						
Manganese	ppm	2						
Vanadium	ppm	0						

#### **ADDITIVES** Calcium 2217 ppm Magnesium ppm 7 Zinc ppm 1177 1012 Phosphorus ppm Barium 0 🔲 ppm 45 Boron ppm



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

#### Diagnosis

Oil and filter change at the time of sampling has been noted. 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.

 Depot:
 VOLV00093

 Unique No:
 11044005

 Signed:
 Jonathan Hester

 Report Date:
 28 May 2024

Report Id: VOLVO0093 [WUSCAR] 06187253 (Generated: 05/28/2024 14:17:57) Rev: 1

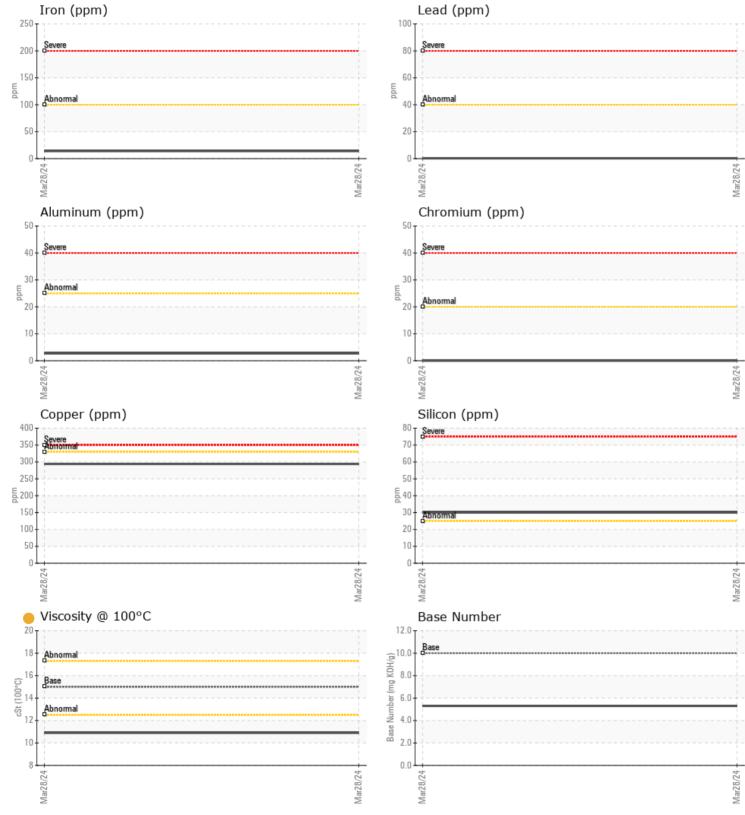
Contact/Location: KENNY HANEY - VOLVO0093

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06187253 (Generated: 05/28/2024 14:18:00) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093