## **CONSTRUCTION EQUIPMENT** 659479 VOLVO A30G 753089 - DIESEL ENGINE



# Sample No: VCP413241

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	659479

#### SAMPLE INFORMATION VCP413241 Sample Number VCP431466 Sample Date 11 Jan 2024 01 Nov 2023 Machine Hours 1134 896 Oil Hours 0 400 Oil Changed Changed N/A NORMAL Sample Status ABNORMAL **OIL CONDITION** Visc @ 100°C cSt 12.6 **1**2.3 9.4 Base Number (BN) mg KOH/g 9.4 Oxidation (PA) 79 76 % CONTAMINATION NEG Water % NEG % Soot % 0.2 0.2 Nitration (PA) % 59 58 % 61 Sulfation (PA) 61 Glycol % NEG NEG 0.2 Fuel % <1.0 10 Silicon ppm 6 🔲 Sodium ppm 0 🔲 0 Potassium ppm 2 2 1



### JON M HALL COMPANY

1920 BOOTHE CIRCLE SUITE 110 LONGWOOD, FL US 32750 Contact: SERVICE MANAGER

T: (407)215-0410 F:

#### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

VOLVO				
	METALS			
Iron	ppm	11	10	 
Copper	ppm	<b>1</b> 3	▲ 64	 
Lead	ppm	0	<1	 
Tin	ppm	□<1	<1	 
Aluminum	ppm	2	2	 
Chromium	ppm	<b>□</b> <1	<1	 
Molybdenum	ppm	47	51	 
Nickel	ppm	6	2	 
Titanium	ppm	0	<1	 
Silver	ppm	0	□ <1	 
Manganese	ppm	<b>□</b> <1	1	 
Vanadium	ppm	0	0	 

ADDITIVES							
Calcium	ppm	<b>1693</b>	1637				
Magnesium	ppm	544	428				
Zinc	ppm	1168	1064				
Phosphorus	ppm	940	991				
Barium	ppm	3	5				
Boron	ppm	<b>4</b> 3	41				

 Depot:
 JONLON

 Unique No:
 10835347

 Signed:
 Wes Davis

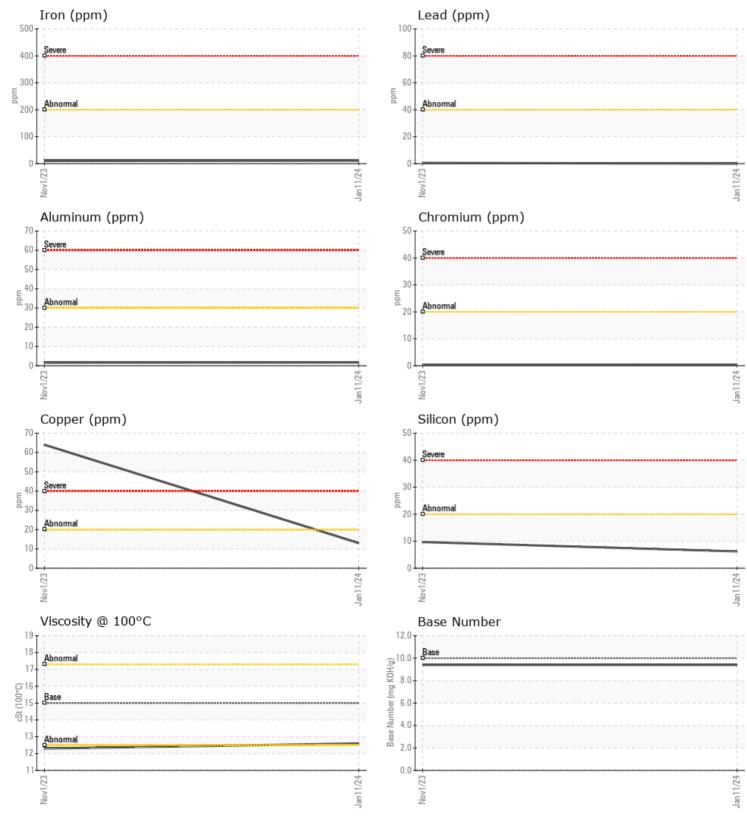
 Report Date:
 19 Jan 2024

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: JONLON [WUSCAR] 06063965 (Generated: 01/20/2024 11:48:09) Rev: 1

Contact/Location: SERVICE MANAGER - JONLON