### **CONSTRUCTION EQUIPMENT** SW-31591-2 RAMSEY HI VOLVO A60H 350374 - DIESEL ENGINE

Sample No: VCP443093 **Oil Type:** 

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: SW-31591-2 RAMSEY HI

Silicon

Sodium

10

Potassium

ppm

ppm

ppm

25

4

0

VOLVO

#### SAMPLE INFORMATION VCP443093 Sample Number Sample Date 01 Apr 2024 Machine Hours 522 Oil Hours 522 Changed Oil Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt 10.9 Base Number (BN) mg KOH/g 5.2 Oxidation (PA) % 62 CONTAMINATION NEG % Water % Soot % 0.8 Nitration (PA) 81 % % 56 Sulfation (PA) Glycol % NEG Fuel % 0.9

#### **ARNOLD MACHINERY COMPANY**

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

## 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.

WEAR N	METALS			
Iron	ppm	36	 	
Copper	ppm	<b>108</b>	 	
Lead	ppm	0	 	
Tin	ppm	5	 	
Aluminum	ppm	3	 	
Chromium	ppm	2	 	
Molybdenum	ppm	85	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES								
Calcium	ppm	2237						
Magnesium	ppm	33						
Zinc	ppm	1108						
Phosphorus	ppm	922						
Barium	ppm	0						
Boron	ppm	29						

VOLV08770 Unique No: 10965810 Signed: Jonathan Hester **Report Date:** 15 Apr 2024

Depot:

Report Id: VOLVO8770 [WUSCAR] 06141002 (Generated: 04/15/2024 11:20:35) Rev: 1

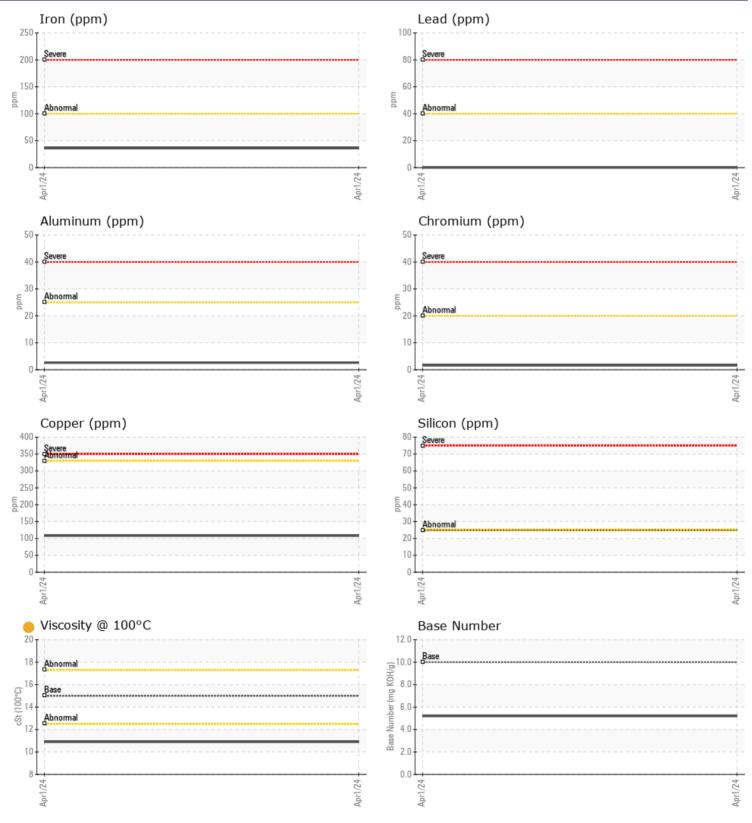
Contact/Location: TONY PAYAN - VOLVO8770

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: TONY PAYAN - VOLVO8770