CONSTRUCTION EQUIPMENT 674847 LAKE CONWAY VOLVO L20H 1220453 - DIESEL ENGINE

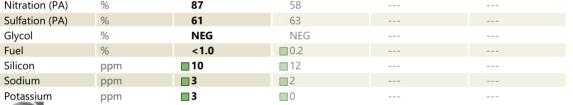
Sample No:VCP446898Oil Type:VOLVO ULTRA

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 674847 LAKE CONWAY

### SAMPLE INFORMATION Sample Number VCP446898 VCP366204 Sample Date 20 Feb 2024 21 Oct 2022 Machine Hours 1164 307 **Oil Hours** 0 0 Changed Oil Changed Changed Sample Status ABNORMAL ATTENTION **OIL CONDITION** Visc @ 100°C cSt 13.2 11.1 8.4 11.6 Base Number (BN) mg KOH/g 94 84 Oxidation (PA) % CONTAMINATION % NEG NEG Water Soot % % 0 0.1 Nitration (PA) % 87 58



# WEAD ME

WEAR I	METALS			
Iron	ppm	8	7	 
Copper	ppm	<u> </u>	7	 
Lead	ppm	□<1	0	 
Tin	ppm	<b>□</b> <1	<b></b> <1	 
Aluminum	ppm	2	0	 
Chromium	ppm	<b>1</b>	<1	 
Molybdenum	ppm	45	34	 
Nickel	ppm	□ <1	0	 
Titanium	ppm	<1	<1	 
Silver	ppm	0	0	 
Manganese	ppm	<b>1</b>	2	 
Vanadium	maa	<1	<1	 

#### ADDITIVES 1509 Calcium 1795 ppm 469 413 Magnesium ppm Zinc 1033 1050 ppm Phosphorus 828 815 ppm Barium 2 0 ppm 32 46 Boron ppm



## ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

## Diagnosis

Oil and filter 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.The aluminum level is abnormal. All other 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.

 Depot:
 VOLVO0096

 Unique No:
 10899658

 Signed:
 Sean Felton

 Report Date:
 28 Feb 2024

Report Id: VOLVO0096 [WUSCAR] 06101428 (Generated: 02/28/2024 22:35:05) Rev: 1

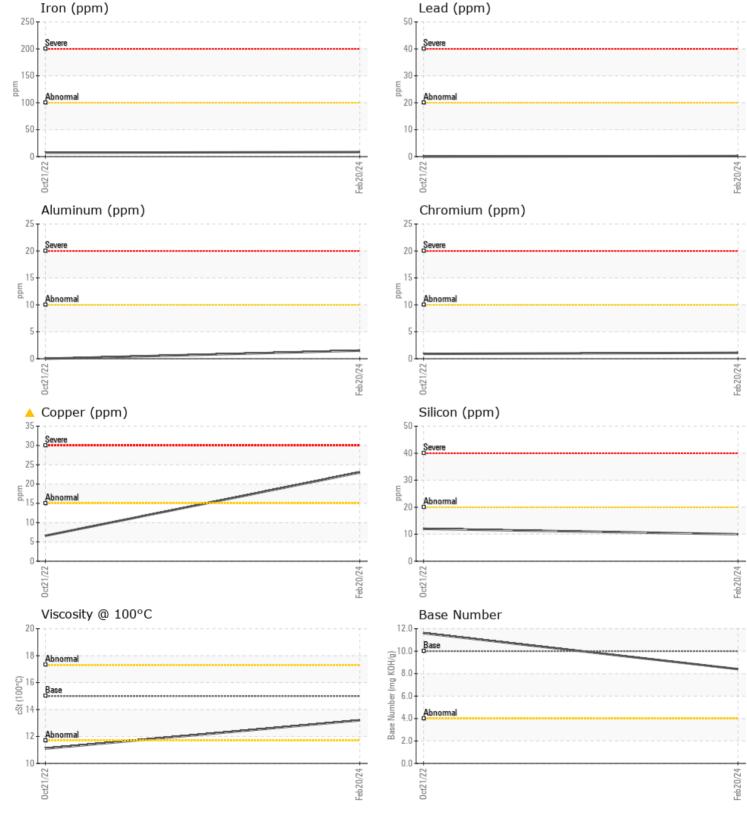
Contact/Location: Robert LaPlante - VOLVO0096

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0096 [WUSCAR] 06101428 (Generated: 02/28/2024 22:35:07) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096