**CONSTRUCTION EQUIPMENT** W02007704 VOLVO EC460C 110134 - REAR RIGHT FINAL DRIVE

Sample No: VCP426085 **Oil Type:** MOBIL MOBILUBE HD 85W140 Job No: W02007704

VOLVO

VOLVO	
$\sim$	SAMPLE INFORMATION

Sample Number	-	VCP426085	VCP195504	 
Sample Date		06 Nov 2023	19 Aug 2016	 
Machine Hours		18738	8366	 
Oil Hours		0	2000	 
Oil Changed		Changed	Changed	 
Sample Status		SEVERE	ABNORMAL	 
OIL CON				
		·	<u>.</u>	
Visc @ 40°C	cSt	<b>166</b>	160.9	 
VOLVO				
	AINATION			
Silicon	ppm	9 383	<b>1</b> 43	 
Sodium	ppm	■14	5	 
Potassium	ppm	15	12	 
	pp			
VOLVO				
VEAR N	NETALS			
Iron	ppm	<b>808</b>	292	 
Copper	ppm	<u> </u>	47	 
Lead	ppm	0	0	 
Tin	ppm	5	9	 
Aluminum	ppm	<b>4</b> 97	<b>4</b> 5	 
Chromium	ppm	9	5	 
Molybdenum	ppm	0	0	 
Nickel	ppm	5	1	 
Titanium	ppm	9	2	 
Silver	ppm	0	0	 
Manganese	ppm	8	4	 
Vanadium	ppm	<1	0	 
VOLVO	IES			 
🔰 ADDITIV				

	763			
Calcium	ppm	187	17	 
Magnesium	ppm	36	6	 
Zinc	ppm	62	22	 
Phosphorus	ppm	520	800	 
Barium	ppm	2	<1	 
Boron	ppm	28	49	 

## **MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS**

8450 QUARRY ROAD MANASSAS, VA US 20110 Contact: MIKE MAYHUGH MMAYHUGH@MCCLUNG-LOGAN.COM T: (703)393-7344 F: (703)393-7844

## Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Bearing and/or gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

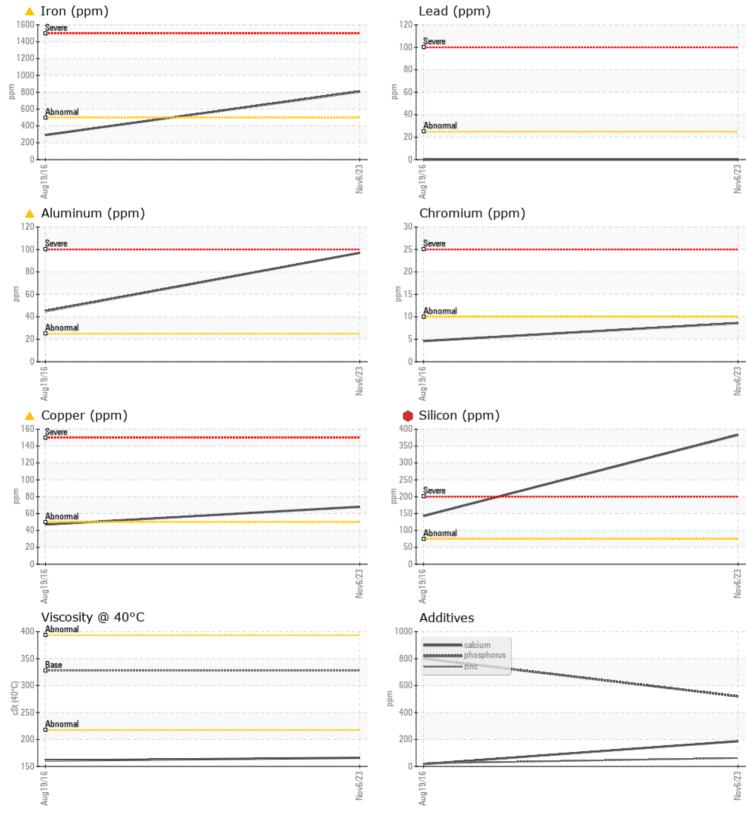
Depot:	VOLVO0002
Unique No:	10736958
Signed:	Sean Felton
Report Date:	13 Nov 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0002 [WUSCAR] 06003196 (Generated: 11/14/2023 14:41:06) Rev: 1

Contact/Location: MIKE MAYHUGH - VOLVO0002