## CONSTRUCTION EQUIPMENT

VE

**Sample No:** VCP450719

VOLVO

Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

716824 SYNERGY

	E INFORMATION				
Sample Number	LINFURMATION	VCP450719	VCP395987	VCP337036	VCP335516
Sample Date			24 Feb 2023	09 Jun 2022	15 Nov 2021
Machine Hours		21 May 2024 4253	3136	2375	1831
Oil Hours		4253	1000	1000	1000
		-			
Oil Changed		Changed	Changed NORMAL	Changed SEVERE	Changed ABNORMAL
Sample Status		ABNORMAL	NORIVIAL	SEVERE	ABNORMAL
OIL CON	DITION				
Visc @ 40°C	cSt	285	283	303	173
CONTAN	MINATION				
Water	%	<b>1.03</b>	NEG	<b>1</b> .10	NEG
Silicon	ppm	9	4	3	8
Sodium	ppm	2	0	1	0
Potassium	ppm	<b>1</b>	<1	0	0
WEAR N	METALS				
Iron	ppm	263	147	107	200
Copper	ppm	<b>11</b>	4	4	9
Lead	ppm	<b>  </b> <1	0	0	<b></b> < 1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<b>1</b>	<1	<1	<1
Chromium	ppm	3	1	1	2
Molybdenum	ppm	6	5	2	<b></b> <1
Nickel	ppm		0	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	0	1	<1
Manganese	ppm	3	2	2	4
Vanadium	ppm	<1	0	0	0
VOLVO	••				

**ADDITIVES** Calcium 72 59 83 89 ppm Magnesium 30 ppm 29 14 < 1 76 53 36 Zinc ppm 81 Phosphorus 958 867 684 458 ppm Barium ppm 0 🔲 0 0 < 1 86 Boron ppm 127 97 4



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

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO0093

 Unique No:
 11049293

 Signed:
 Don Baldridge

 Report Date:
 30 May 2024

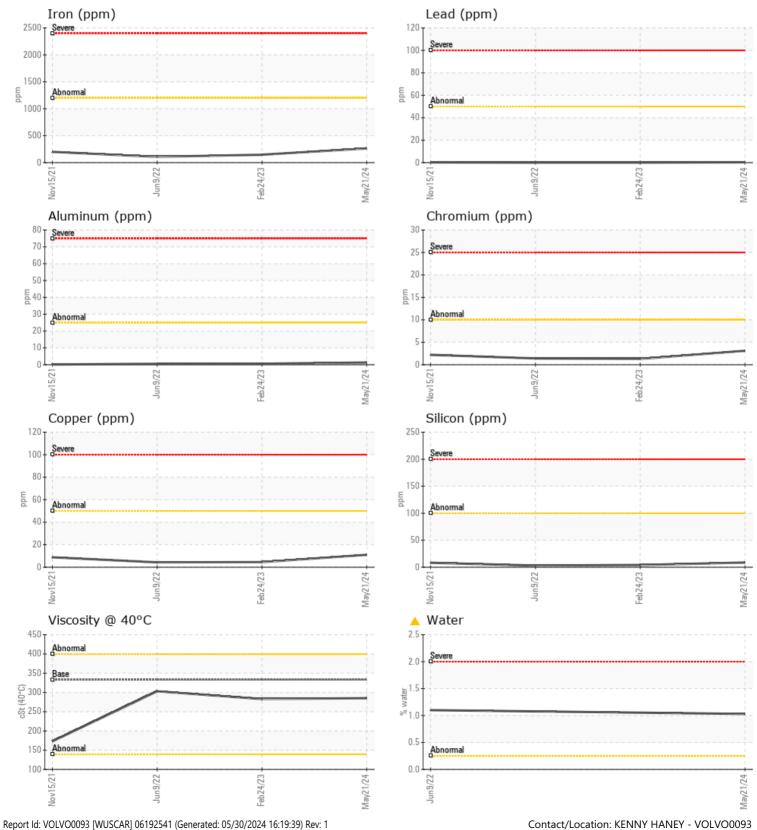
 Contact/Location: KENNY HANEY - VOLVO0093

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: KENNY HANEY - VOLVO0093