

CONSTRUCTION EQUIPMENT - REAR AXLE



Sample No: VCP437578

Oil Type:

VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

Phosphorus

Barium

Boron

ppm

ppm

ppm

SAMPLI	E INFORMATION			
Sample Number		VCP437578	VCP395762	
Sample Date		06 Jun 2024	08 Mar 2023	
Machine Hours		4000	2203	
Oil Hours		0	1000	
Oil Changed		Changed	Not Changd	
Sample Status		ABNORMAL	NORMAL	
VOLVO	DITION			
VIL CON			<u>.</u>	
Visc @ 40°C	cSt	49.5	49.2	
	MINATION			
Water	%	0.324	NEG	
Silicon	ppm	▲ 75	4	
Sodium	ppm	3	3	
Potassium	ppm	9	3	
VOLVO				
👽 WEAR I	METALS			
Iron	ppm	659	201	
Copper	ppm	22	2	
Lead	ppm	4	0	
Tin	ppm	2	0	
Aluminum	ppm	17	□ <1	
Chromium	ppm	6	2	
Molybdenum	ppm	8	5	
Nickel	ppm	3	<1	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	15	10	
Vanadium	ppm	0	0	
	221		0	
VOLVO				
ADDITI	VES			
Calcium	ppm	236	20	
Magnesium	ppm	41	0	
Zinc	ppm	64	12	

2345

0

115



TA EQUIPMENT COMPANY

151 DR MARTIN LUTHER KING BLVD ORT MYERS, FL 33905 ontact: TODD LARK ark@altaequipfl.com (239)481-3302

iagnosis

le advise that you check all areas here dirt can enter the system. The il change at the time of sampling as been noted. Resample at the next ervice interval to monitor.All omponent wear rates are normal. here is a light concentration of vater present in the oil. Elemental evels of silicon (Si) and aluminum Al) indicate alumina-silicate (coarse irt) ingress. The oil viscosity is lower nan normal. Confirm oil type.

Depot: VOLVO0090 Unique No: 11074373 Signed: Don Baldridge Report Date: 13 Jun 2024 Contact/Location: TODD LARK - VOLVO0090

2124

0 🔲

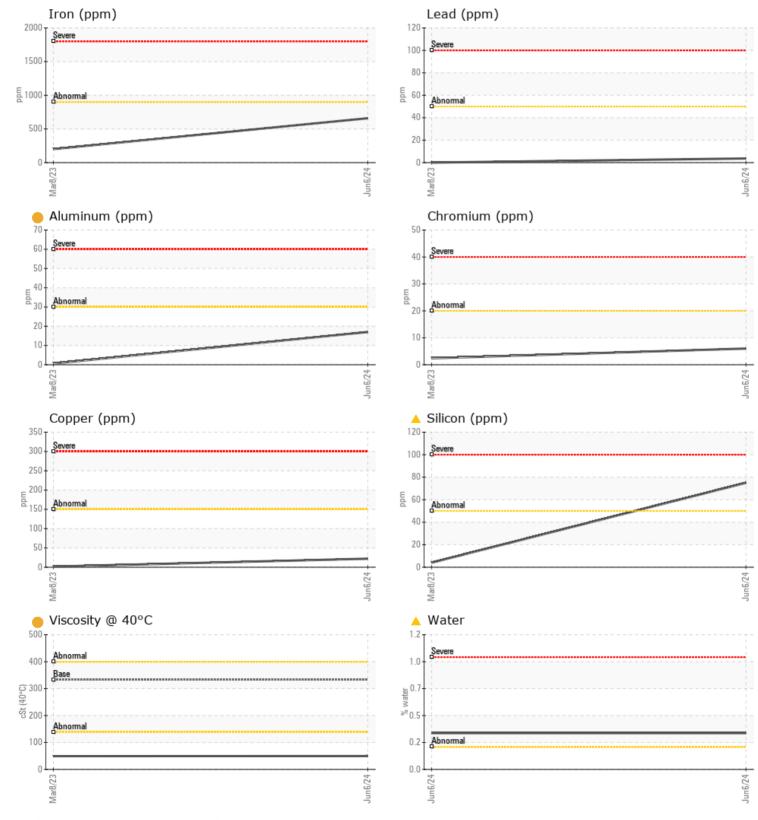
88

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: TODD LARK - VOLVO0090