

CONSTRUCTION EQUIPMENT VOLVO A40G 352785 - FRONT AXLE



Sample No: VCP441087

Oil Type:

VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

	E INFORMATION			
Sample Number		VCP441087	VCP312604	
Sample Date		19 Jan 2024	28 Dec 2021	
Machine Hours		4101	1133	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ATTENTION	NORMAL	
OIL CON	DITION			
Visc @ 40°C	cSt	41.7	50.3	
CONTAN	MINATION			
Water	%	NEG	NEG	
Silicon	ppm	24	9	
Sodium	ppm	8	2	
Potassium	ppm	8	6	
WEAR N	METALS			
Iron	ppm	633	567	
Copper	ppm	4	2	
Lead	ppm	 <1	 < 1	
Tin	ppm	0	0	
Aluminum	ppm	2	2	
Chromium	ppm	10	8	
Molybdenum	ppm	1 0	9	
Nickel	ppm	4	2	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	1 8	19	
Vanadium	ppm	<1	<1	
VOLVO				
	VES			
Calcium	maa	4275	21	

Calcium	ppm	4275	21	
Magnesium	ppm	20	2	
Zinc	ppm	1775	□11	
Phosphorus	ppm	1529	2297	
Barium	ppm	0	0	
Boron	ppm	229	286	



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

Diagnosis

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. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

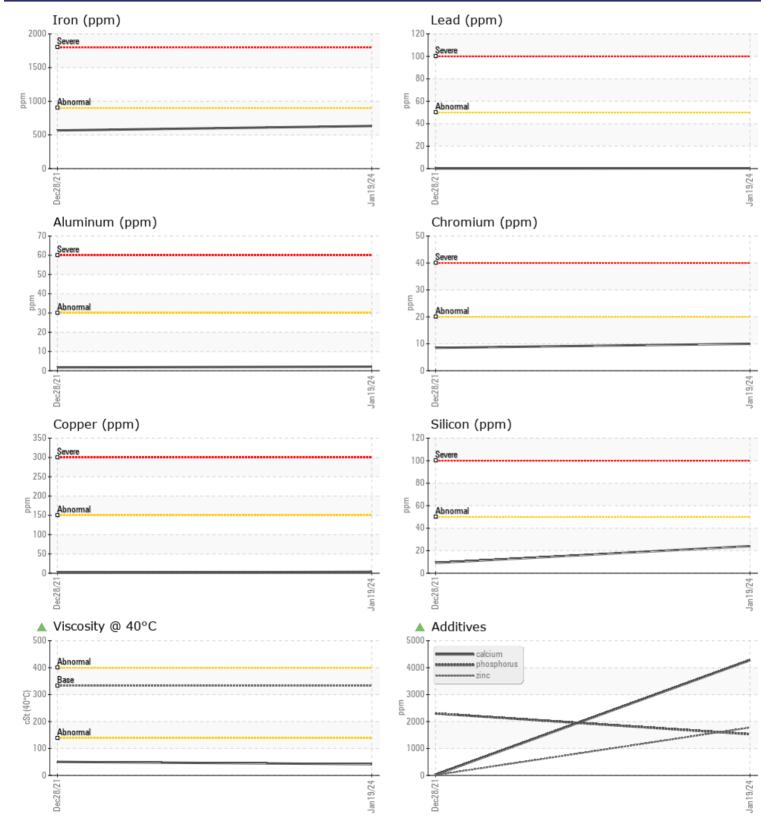
Depot:	VOLVO0090
Unique No:	10847417
Signed:	Don Baldridge
Report Date:	28 Jan 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06070740 (Generated: 01/28/2024 13:53:11) Rev: 1

Contact/Location: TODD LARK - VOLVO0090