

CONSTRUCTION EQUIPMENT VOLVO A45G 353251 - FRONT AXLE



Sample No: VCP454364

Oil Type:

VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No:

Barium

Boron

	INFORMATION			 	
Sample Number	-	VCP454364	VCP415832	 	
Sample Date		04 May 2024	20 Jul 2023	 	
Machine Hours		3988	2242	 	
Oil Hours		0	0	 	
Oil Changed		Changed	Not Changd	 	
Sample Status		ATTENTION	ATTENTION	 	
VOLVO					
V OIL CON					
Visc @ 40°C	cSt	6 50.9	51.9	 	
VOLVO					
CONTAN	MINATION				
Water	%	NEG	NEG	 	
Silicon	ppm	5	5	 	
Sodium	ppm	1	3	 	
Potassium	ppm	3	3	 	
	PPIII				
WEAR N	AFTALS				
Iron	ppm	181	146	 	
Copper	ppm	2	140	 	
Lead	ppm	<1	0	 	
Tin	ppm	□<1		 	
Aluminum	ppm	2	1	 	
Chromium	ppm	2	2	 	
Molybdenum	ppm	6	4	 	
Nickel	ppm	1	□ <1	 	
Titanium	ppm	<1	0	 	
Silver	ppm	0	0	 	
Manganese	ppm	7	6	 	
Vanadium	ppm	0	<1	 	
	ppiii	U U	~ 1		
VOLVO				 	
ADDITIN	ES				
Calcium	ppm	93	85	 	
Magnesium	ppm		0	 	
Zinc	ppm	40	23	 	
Phosphorus	ppm	2349	2442	 	
р ·		-0			

0

305



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. Confirm oil type.

 Depot:
 VOLVO0090

 Unique No:
 11017757

 Signed:
 Don Baldridge

 Report Date:
 09 May 2024

 Contact/Location: TODD LARK - VOLVO0090

0 🔲

222

ppm

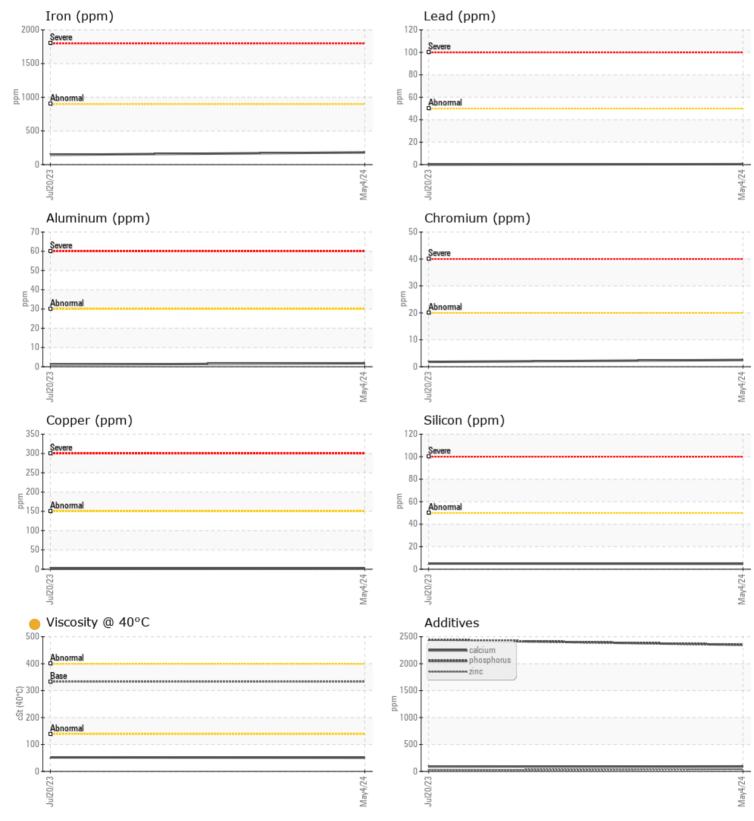
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06171704 (Generated: 05/09/2024 13:38:21) Rev: 1

Contact/Location: TODD LARK - VOLVO0090