# VOLVO

## CONSTRUCTION EQUIPMENT SW1033699 VOLVO A30G 752494 - REAR AXLE



 Sample No:
 VCP395540

 Oil Type:
 VOLVO PREMIUM GEAR OIL 80W-90 GL-5



Magnesium

Phosphorus

Zinc

Barium

Boron

ppm

ppm

ppm

ppm

ppm

## SW1033699

VOLVO				
SAMPLI	E INFORMATION			
Sample Number	-	VCP395540	 	
Sample Date		02 May 2024	 	
Machine Hours		3088	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CON				
Visc @ 40°C	cSt	<b>72.5</b>	 	
VOLVO				
CONTAI	MINATION			
Water	%	NEG	 	
Silicon	ppm	<b>1</b> 0	 	
Sodium	ppm	0	 	
Potassium	ppm	<b>4</b>	 	
WEAD	METALS			
Iron	ppm	<b>186</b>	 	
Copper	ppm	□11	 	
Lead	ppm	<b>□</b> <1	 	
Tin	ppm	□1	 	
Aluminum	ppm	2	 	
Chromium	ppm	4	 	
Molybdenum	ppm	7	 	
Nickel	ppm	2	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	■7 <1	 	
Vanadium	ppm	<1	 	
VOLVO			 	
Sector Additiv	VES			
Calcium	ppm	1427	 	
		-		



#### ARNOLD MACHINERY COMPANY

4136 NORTH DONOVAN WAY LAS VEGAS, NV US 89030 Contact: TONY SHAW tshaw@arnoldmachinery.com T: (702)642-9000 F:

#### Diagnosis

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:	VOLVO5856 11021931 Sean Felton			
Unique No:				
Signed:				
Report Date:	14 May 2024			
Contact/Location: TONY SHAW - VOLVO5856				

29

6 754

636

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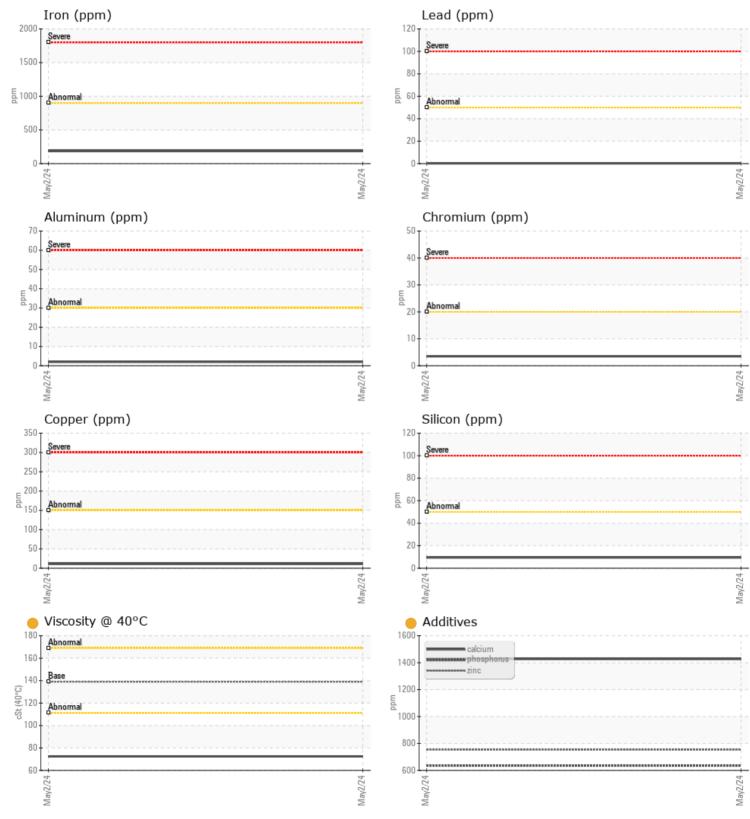
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO5856 [WUSCAR] 06175878 (Generated: 05/14/2024 13:42:00) Rev: 1

Contact/Location: TONY SHAW - VOLVO5856