CONSTRUCTION EQUIPMENT 467711 DCF VOLVO EC350 310329 - REAR LEFT FINAL DRIVE

 Sample No:
 VCP439088

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

 Job No:
 467711 DCF

## SAMPLE INFORMATION

Zinc

Barium

Boron

Phosphorus

VOIN

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Sample Number	-	VCP439088	 	
Sample Date		25 Jan 2024	 	
Machine Hours		6518	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CON	IDITION			
Visc @ 40°C	cSt	<b>715</b>	 	
CONTAI	MINATION			
Water	%	NEG	 	
Silicon	ppm	2571	 	
Sodium	ppm	0	 	
Potassium	ppm	3	 	
VOLVO	METALS			
WEAK I	METALS			
Iron	ppm	6718	 	
Copper	ppm	<b>1</b> 3	 	
Lead	ppm	<b></b> <1	 	
Tin	ppm	∎1	 	
Aluminum	ppm	<b>142</b>	 	
Chromium	ppm	65	 	
Molybdenum	ppm	<b>12</b>	 	
Nickel	ppm	<b>10</b>	 	
Titanium	ppm	<b>15</b>	 	
Silver	ppm	0	 	
Manganese	ppm	38	 	
Vanadium	ppm	0	 	
	VES		 	
Calcium	ppm	146	 	
Magnesium	ppm	<b>1</b> 5	 	

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## ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

418 PALM RIVER ROAD AMPA, FL IS 33619 contact: KENNY HANEY haney@flaglerce.com : (813)630-0077 : (813)630-2233

## Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO0093			
Unique No:	10857290			
Signed:	Sean Felton			
Report Date:	01 Feb 2024			

60 🔲

941

143

0 🔲

ppm

ppm

ppm

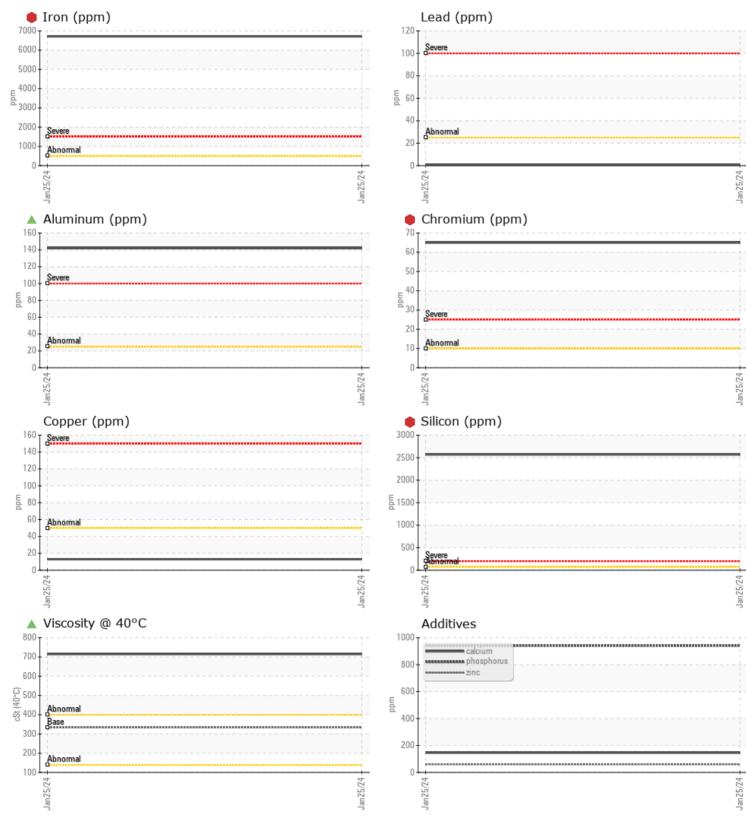
ppm

## **CONSTRUCTION EQUIPMENT**





VOLVO



Report Id: VOLVO0093 [WUSCAR] 06075199 (Generated: 02/02/2024 16:40:52) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093