

CONSTRUCTION EQUIPMENT VOLVO EC350EL 310558 - REAR RIGHT FINAL DRIVE



Sample No:VCP0007508Oil Type:{unknown}

Job No:

Barium

Boron

Oil Hours O Oil Changed N/A Sample Status SEVERE Vice @ 40°C cSt 430 Water % 0.9553 Sodium ppm 132 Potassium pm 132 Copper ppm 16 Tin ppm 201 Nickel ppm 12					
Sample Number VCP0007508 Sample Date 11 Aug 2023 Machine Hours 0 Dil Hours 0 Dil Changed N/A Sample Status SEVERE Visc @ 40°C cSt 430 Sodium ppm 132 Sodium ppm 16		E INFORMATION			
Sample Date 11 Aug 2023 Machine Hours 0 Dil Hours 0 Dil Hours 0 Sample Status SEVERE Visc @ 40°C CSt 430 Pottom ppm 132 Corper ppm 16		-		 	
Machine Hours 0 Oil Hours 0 Oil Hours N/A Sample Status SEVERE Visc @ 40°C cSt 430 Silicon ppm 132 Potassium ppm 7056 Iron ppm 211 Iron ppm 211	•		11 Aug 2023	 	
Oil Changed N/A Sample Status SEVERE OIL CONDITION Visc @ 40°C CS 430 CONTAMINATION Water % 0.9533 Sodium ppm 2650 Sodium ppm 37 Verse WEAR METALS Vot weak ppm 7056 Copper ppm 16 Lead ppm 201 Molybdenum ppm 12 Molybdenum ppm 2 Silver ppm 0 <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Sample Status SEVERE Visc @ 40°C cSt 430 Water % 0.953 Sodium ppm 132 Potassium ppm 17056 Copper ppm 16 Lead ppm 201 Aluminum ppm 105 Nickel ppm 11 Silver	Oil Hours		0	 	
Visc @ 40°C cSt 430 Visc @ 40°C cSt 430 CONTAMINATION Water % 0.953 Sodium ppm 2650 Sodium ppm 37 Verse Visc @ 40°C CS Sodium ppm 2650 Sodium ppm 37 Sodium ppm 37 Verse WEAR METALS Itron ppm 21 Alduminum ppm 201 Silver ppm 105 <	Oil Changed		N/A	 	
Visc @ 40°C CSt 430 Visc @ 40°C CSt 430 CONTAMINATION Water % 0.953 Sodium ppm 2650 Sodium ppm 312 Potassium ppm 37 Verker METALS Verand ppm 7056 Aluminum ppm 21 Aluminum ppm 22 Kickel ppm 105 Silver ppm 22 Silver ppm 22 <td>Sample Status</td> <td></td> <td>SEVERE</td> <td> </td> <td></td>	Sample Status		SEVERE	 	
OIL CONDITION Vise @ 40°C cSt 430 Vise @ 40°C cSt 430 CONTAMINATION Solicon ppm 2650 Solium ppm 132 Potassium ppm 37 Potassium ppm 7056 Voc Verantextextextextextextextextextextextextext					
Visc @ 40°C cSt 430 CONTAMINATION Water % 0.953 Solicon ppm 2650 Solicon ppm 132 Potassium ppm 37 Wear METALS VEAR METALS VEAR METALS Iron ppm 7056 Copper ppm 16 Lead ppm 201 Aluminum ppm 12 Nickel ppm 0 Nickel ppm 67 Silver ppm 67 </td <td>OIL CON</td> <td>DITION</td> <td></td> <td></td> <td></td>	OIL CON	DITION			
Ver % 0.953 Sodium ppm 2650 Sodium ppm 132 Potassium ppm 37 Verv VEAR METALS verv verv verv verv ron ppm 7056 Copper ppm 16 Aluminum ppm 201 Aluminum ppm 105 Molybdenum ppm 12 Nickel ppm 67 Vanadium ppm 67 Vanadium ppm 168 <			4 30	 	
CONTAMINATION Water % 0.953 Solicon ppm 2650 Solitom ppm 132 Potassium ppm 37 WEAR METALS VEAR METALS Version Iron ppm 16 Lead ppm 201 Aluminum ppm 105 Nickel ppm 12 Nickel ppm 0 Nickel ppm 22 Nickel ppm 0 Vanadium ppm		cor			
Water % 0.953 Silicon ppm 2650 Sodium ppm 132 Potassium ppm 37 WEAR METALS WEAR METALS Wear ppm 7056 Copper ppm 16 Lead ppm 201 Aluminum ppm 105 Molybdenum ppm 12 Silver ppm 11 Silver ppm 67 Manganese ppm 67 Calcium ppm 4448 Magnesium ppm 168	VOLVO				
Silicon ppm 2650 Sodium ppm 132 Potassium ppm 37 WEAR METALS WEAR METALS Value ppm 7056 Copper ppm 16 Lead ppm <1	CONTAM				
Sodium ppm 132 Potassium ppm 37 WEAR METALS ron ppm 7056 copper ppm 16 ead ppm 16 Aluminum ppm 201 Aluminum ppm 105 Molybdenum ppm 12 Nickel ppm 11 Nickel ppm 67 Silver ppm 2 Manganese ppm 2 Audium ppm 2 Yanadium ppm 168	Water	%	0.953	 	
Potassium ppm 37 WEAR METALS Iron ppm 7056 Copper ppm 16 Lead ppm <1	Silicon	ppm	e 2650	 	
WEAR METALS Copper ppm 16 Lead ppm <1	Sodium	ppm	132	 	
WEAR METALS iron ppm 7056 Copper ppm 16 Lead ppm <1	Potassium	ppm	37	 	
WEAR METALS Iron ppm 7056 Copper ppm 16 Lead ppm <1					
Iron ppm 7056 Copper ppm 16 Lead ppm <1	WEAR N	METALS			
Copper ppm 16 Lead ppm <1	Iron	maa	7056	 	
Lead ppm <1	Copper		· ·	 	
Tin ppm 2 Aluminum ppm 201 Chromium ppm 105 Molybdenum ppm 12 Nickel ppm 11 Silver ppm 29 Silver ppm 67 Manganese ppm 67 Vanadium ppm 2 Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18			—	 	
Aluminum ppm 201 Chromium ppm 105 Molybdenum ppm 12 Nickel ppm 11 Nickel ppm 29 Silver ppm 0 Manganese ppm 67 Vanadium ppm 2 Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Tin			 	
Chromium ppm 105 Molybdenum ppm 12 Nickel ppm 11 Titanium ppm 29 Silver ppm 0 Manganese ppm 67 Vanadium ppm 2 Vanadium ppm 2 Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Aluminum		A 201	 	
Molybdenum ppm 12 Nickel ppm 11 Titanium ppm 29 Silver ppm 0 Manganese ppm 67 Vanadium ppm 2 Vanadium ppm 2 Vanadium ppm 2 Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Chromium		• 105	 	
Nickel ppm 11 Titanium ppm 29 Silver ppm 0 Manganese ppm 67 Vanadium ppm 2 ADDITIVES Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Molybdenum		12	 	
Titanium ppm 29 Silver ppm 0 Manganese ppm 67 Vanadium ppm 2 ADDITIVES Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	-		11	 	
Silver ppm 0 Manganese ppm 67 Vanadium ppm 2 ADDITIVES Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Titanium		29	 	
Vanadium ppm 2 ADDITIVES Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Silver		0	 	
ADDITIVES Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Manganese	ppm	67	 	
ADDITIVES Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18	Vanadium	ppm	2	 	
ADDITIVES Calcium ppm 4448 Magnesium ppm 168 Zinc ppm 18					
Magnesium ppm 168 Zinc ppm 18	ADDITIN	VES		 	
Magnesium ppm 168 Zinc ppm 18	Calcium	ppm	4448	 	
Zinc ppm 18				 	
	-			 	
	Phosphorus		700	 	



ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: TECHNICIAN ACCOUNT catherine.anastasio@wearcheck.com T: F: (904)737-1260

Diagnosis

We advise that you check for the source of water entry. 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. There is a high concentration of water present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot:	VOLVO0092		
Unique No:	10606418		
Signed:	Don Baldridge		
Report Date:	17 Aug 2023		

Report Id: VOLVO0092 [WUSCAR] 05926471 (Generated: 08/18/2023 16:17:20) Rev: 1

4

94

ppm

ppm

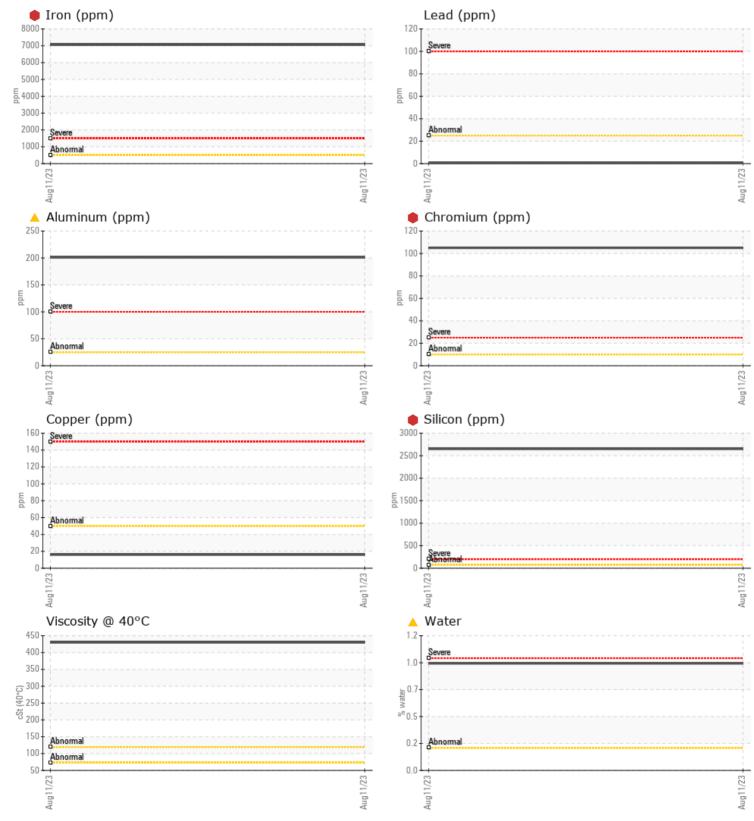
Submitted By: TECHNICIAN ACCOUNT

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0092 [WUSCAR] 05926471 (Generated: 08/18/2023 16:17:23) Rev: 1

Submitted By: TECHNICIAN ACCOUNT