

CONSTRUCTION EQUIPMENT VOLVO EC480 311307 - FRONT RIGHT FINAL DRIVE



Sample No: VCP405316 **Oil Type:** NOT GIVEN

Job No:

Barium

Boron

Phosphorus

SAMPLI	E INFORMATION				
Sample Number		VCP405316			
Sample Date		16 Feb 2023			
Machine Hours		3800			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		SEVERE			
OIL CON					
			<u></u>	_	<u>.</u> .
Visc @ 40°C	cSt	63.0			
VOLVO					
Contai	MINATION				
Water	%	NEG			
Silicon	ppm	4 75			
Sodium	ppm	10			
Potassium	ppm	25			
WFAR I	METALS				
<u> </u>		5 637			
Iron	ppm				
Copper	ppm	■ 14			
Lead	ppm	■ <1			
Tin Aluminum	ppm	▲ 82			
Chromium	ppm	• 38			
	ppm	5			
Molybdenum Nickel	ppm	5			
Titanium	ppm	6			
Silver	ppm	6 <1			
	ppm	36			
Manganese	ppm	36 <1			
Vanadium	ppm	<1			
VOLVO					
V ADDITI	VES				
Calcium	ppm	184			
Magnesium	ppm	16			
Zinc	ppm	47			



ARNOLD MACHINERY COMPANY

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

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 recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample.Chromium and iron ppm levels are severe. Aluminum ppm levels are abnormal. Gear wear is indicated. There is a moderate concentration of dirt present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	VOLVO5856		
Unique No:	10351562		
Signed:	Angela Borella		
Report Date:	28 Feb 2023		

2071

<1 127

ppm

ppm

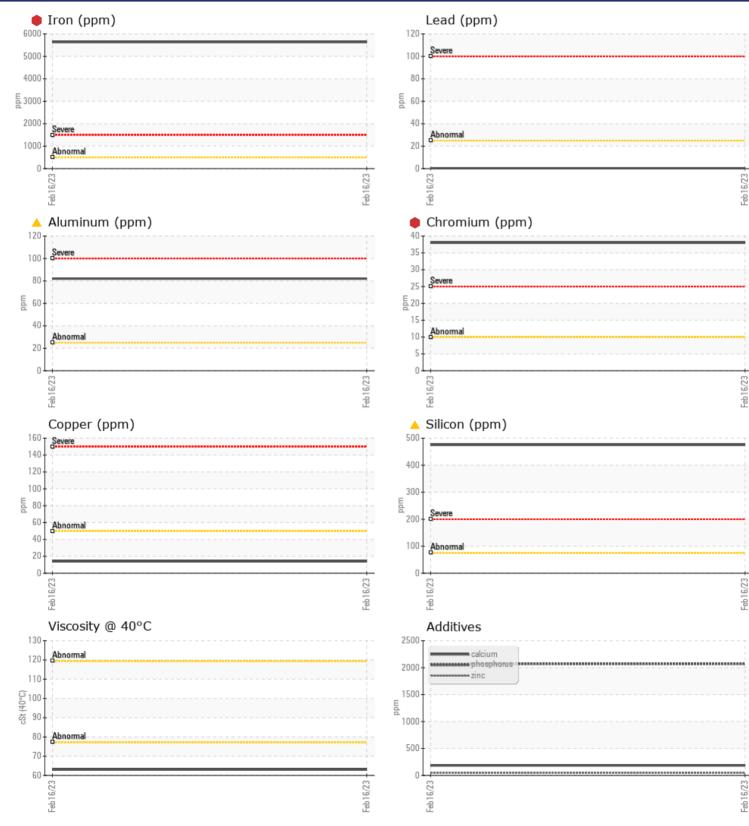
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO5856 [WUSCAR] 05776945 (Generated: 11/29/2023 15:54:30) Rev: 1

Contact/Location: JOHN VENTURA - VOLVO5856