CONSTRUCTION EQUIPMENT SVW53895 VOLVO EC220E 310730 - FRONT LEFT FINAL DRIVE

 Sample No:
 VCP436483

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

 Job No:
 SVW53895

VOLVO

Phosphorus

Barium

Boron

ppm

ppm

ppm

	E INFORMATION					
Sample Number		VCP436483				
Sample Date		30 Apr 2024				TYLER EQUIPMENT CORPORATION
Machine Hours		2333				1980 BERLIN TURNPIKE
Oil Hours		0				BERLIN, CT
Oil Changed		N/A				US 06037
Sample Status		SEVERE				Contact: KYLE SCHMITZ
						kschmitz@tylerequipment.com
VOLVO	DITION					T: (860)356-0840
V OIL CON				_	-	F: (860)828-6727
Visc @ 40°C	cSt	🔺 1039				
						Diagnasia
	MINATION					Diagnosis
			<u></u>	_	<u>.</u>	We advise that you check all areas
Water	%	▲ 0.382				where dirt can enter the system. We
Silicon	ppm	A 3896				recommend that you drain the oil from the component if this has not
Sodium	ppm	255				already been done. We advise that
Potassium	ppm	278				you inspect for the source(s) of wear
VOLVO						We recommend an early resample to
WEAR I	METALS					monitor this condition.Gear wear is
Iron	ppm	▲ 6635				indicated. Elemental levels of silicon
Copper	ppm	1 0				(Si) and aluminum (Al) indicate
Lead	ppm	4				alumina-silicate (coarse dirt) ingress
Tin	ppm	3				There is a light concentration of water present in the oil. The oil
Aluminum	ppm	886				viscosity is higher than normal. The
Chromium	ppm	4 3				oil is no longer serviceable as a res
Molybdenum	ppm	4				of the abnormal and/or severe wear.
Nickel	ppm	A 26				
Titanium	ppm	A 55				
Silver	ppm	<1				
Manganese	ppm	50				
Vanadium	ppm	2				
	VES					
Calcium	ppm	238				
Magnesium	ppm	99				
Zinc	ppm	25				

 Report Date:
 08 May 2024

 Contact/Location:
 KYLE
 SCHMITZ
 VOLVO0005

VOLVO0005

Jonathan Hester

11016388

Depot:

Signed:

Unique No:

991

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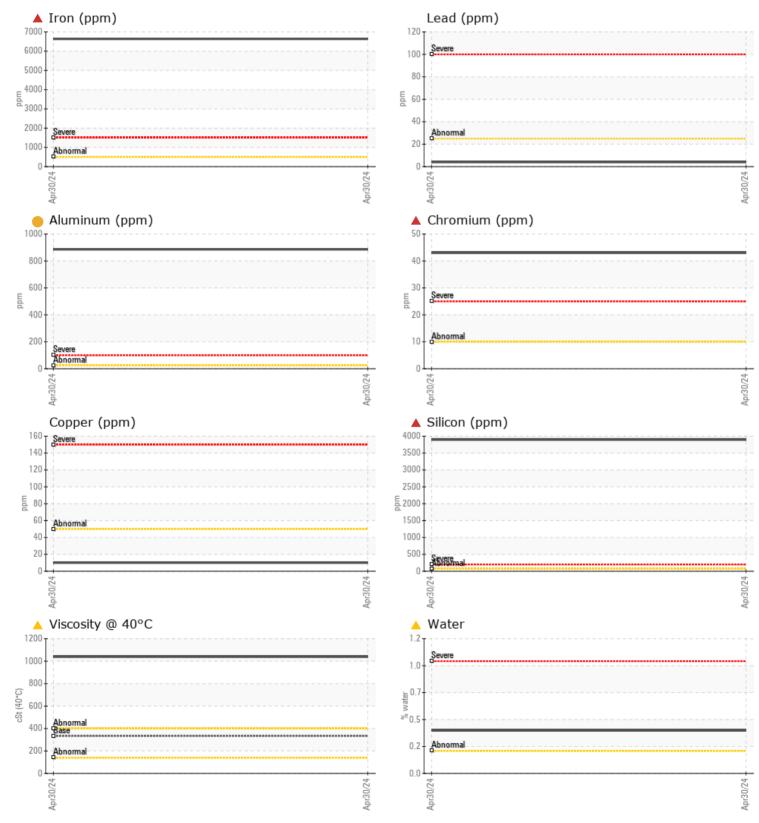
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0005 [WUSCAR] 06170335 (Generated: 05/08/2024 15:24:11) Rev: 1

Contact/Location: KYLE SCHMITZ - VOLVO0005