CONSTRUCTION EQUIPMENT 429789-70 ASTEC CP30 194 - PLANETARY



SAMPLE INFORMATION

Phosphorus

Barium

Boron

ppm

ppm

ppm

VOIN

Sample Number	-	VCP433405	 	
Sample Date		25 Jan 2024	 	
Machine Hours		501	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CON	IDITION			
Visc @ 40°C	cSt	▲ 267	 	
CONTAI	MINATION			
Water	%	0.365	 	
Silicon	ppm	A 157	 	
Sodium	ppm	1 6	 	
Potassium	ppm	1 9	 	
WEAR I	METALS			
Iron	ppm	9 3501	 	
Copper	ppm	12	 	
Lead	ppm	1	 	
Tin	ppm	□7	 	
Aluminum	ppm	🛑 513	 	
Chromium	ppm	🛑 34	 	
Molybdenum	ppm	4	 	
Nickel	ppm	029	 	
Titanium	ppm	7	 	
Silver	ppm	0	 	
Manganese	ppm	35	 	
Vanadium	ppm	<1	 	
ADDITI	VES		 	
Calcium	ppm	1604	 	
Magnesium	ppm	28	 	
Zinc	ppm	83	 	





ALTA EQUIPMENT COMPANY - METRO WEST

56195 PONTIAC TRAIL NEW HUDSON, MI US 48165 Contact: DILLON BURNS dillon.burns@altg.com T: F: (248)356-2029

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. High wear metal levels reflect the reported failure. Component wear metal level(s) high for break in. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. There is a light concentration of water present in the oil. The oil viscosity is higher than normal. Confirm oil type.

Depot:	VOLVO2990		
Unique No:	10849960		
Signed:	Doug Bogart		
Report Date:	31 Jan 2024		

1269

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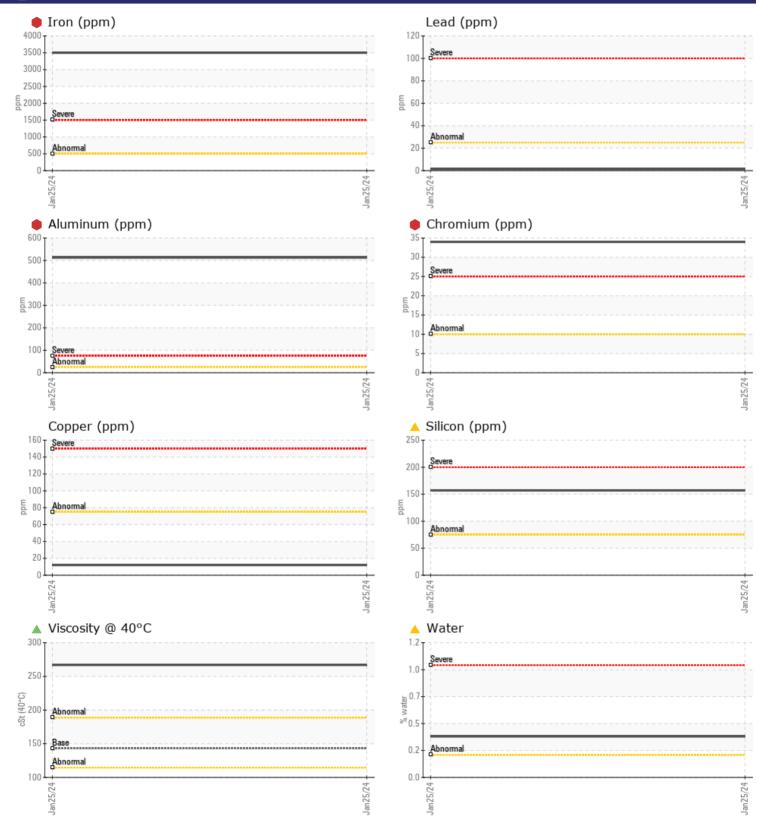
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO2990 [WUSCAR] 06073283 (Generated: 02/01/2024 02:18:20) Rev: 1

Contact/Location: DILLON BURNS - VOLVO2990