



# CONSTRUCTION EQUIPMENT

569381-10 ALTER PEOR SENNEBOGEN 835M 835.0.2632 - HYDRAULIC SYSTEM



**Sample No:** VCP453591  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 569381-10 ALTER PEOR



## SAMPLE INFORMATION

Sample Number	<b>VCP453591</b>	VCP431487	VCP396363	---
Sample Date	<b>28 May 2024</b>	15 Mar 2024	06 Oct 2023	---
Machine Hours	<b>9992</b>	9526	8583	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### ALTA EQUIPMENT COMPANY

1035 WYLIE DRIVE  
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 US 61705

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## OIL CONDITION

Visc @ 40°C	cSt	<b>41.9</b>	42.0	43.6	---
Acid Number (AN)	mg KOH/g	<b>0.33</b>	0.42	0.43	---

## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Particles >4µm		<b>1755</b>	1411	3392	---
Particles >6µm		<b>490</b>	400	973	---
Particles >14µm		<b>36</b>	43	86	---
ISO 4406:1999 (c)		<b>18/16/12</b>	18/16/13	19/17/14	---
Silicon	ppm	<b>0</b>	<1	<1	---
Sodium	ppm	<b>2</b>	<1	2	---
Potassium	ppm	<b>0</b>	0	0	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

## WEAR METALS

Iron	ppm	<b>&lt;1</b>	2	5	---
Copper	ppm	<b>&lt;1</b>	0	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>0</b>	0	0	---
Chromium	ppm	<b>1</b>	<1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	<1	4	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	0	0	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>167</b>	124	195	---
Magnesium	ppm	<b>8</b>	10	31	---
Zinc	ppm	<b>441</b>	430	471	---
Phosphorus	ppm	<b>357</b>	339	374	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>0</b>	0	1	---

**Depot:** VOLVO5054  
**Unique No:** 11059686  
**Signed:** Wes Davis  
**Report Date:** 04 Jun 2024

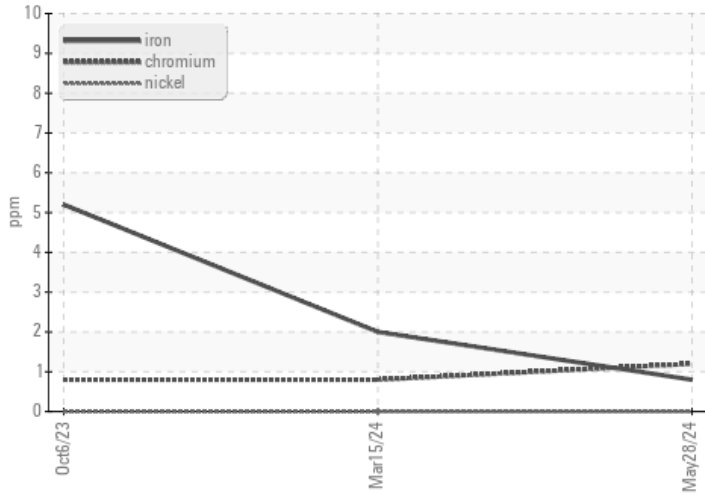


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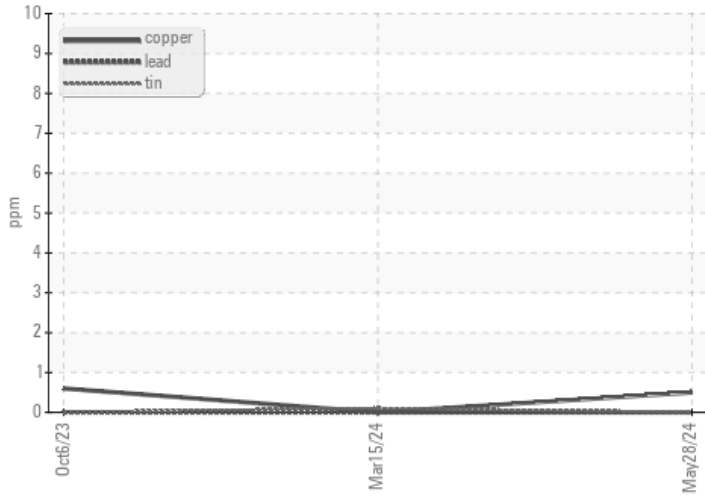


## GRAPHS

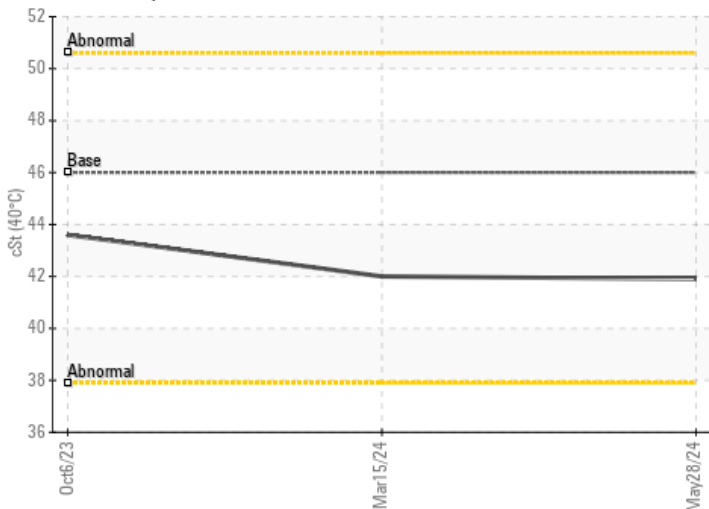
### Ferrous Alloys



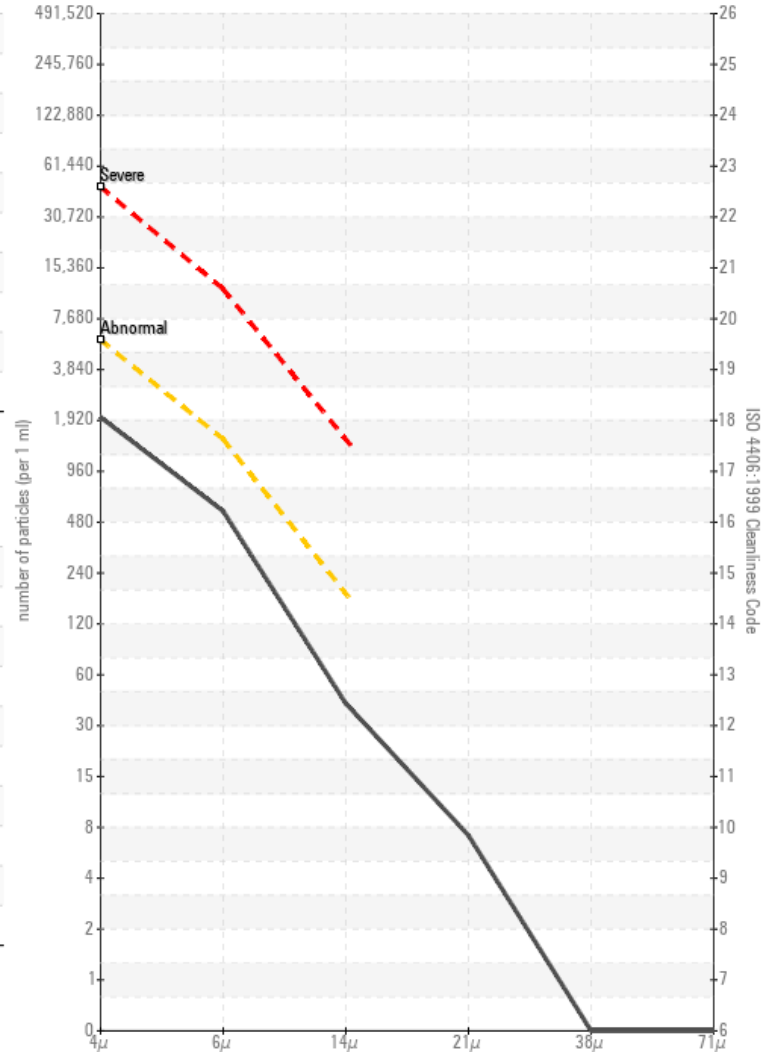
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

