



# CONSTRUCTION EQUIPMENT

## SPM621314 GA PACIFIC VOLVO L150H 7091 - HYDRAULIC SYSTEM



**Sample No:** VCP425440  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** SPM621314 GA PACIFIC



### SAMPLE INFORMATION

Sample Number	<b>VCP425440</b>	VCP404058	VCP404520	VCP387492
Sample Date	<b>10 Nov 2023</b>	26 Apr 2023	01 Apr 2023	30 Nov 2022
Machine Hours	<b>4509</b>	2615	2147	1020
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>ATTENTION</b>	ATTENTION	NORMAL	ATTENTION

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### OIL CONDITION

Visc @ 40°C	cSt	<b>41.3</b>	42.1	42.2	42.6
Acid Number (AN)	mg KOH/g	<b>0.32</b>	0.25	0.31	0.30



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Particles >4µm		<b>▲ 9182</b>	▲ 5121	■ 3632	▲ 5773
Particles >6µm		<b>▲ 1978</b>	▲ 1668	■ 822	■ 908
Particles >14µm		<b>■ 109</b>	■ 154	■ 46	■ 31
ISO 4406:1999 (c)		<b>20/18/14</b>	20/18/14	19/17/13	20/17/12
Silicon	ppm	<b>■ 1</b>	■ 2	■ 2	■ 1
Sodium	ppm	<b>■ 3</b>	■ <1	■ 0	■ <1
Potassium	ppm	<b>■ 0</b>	■ 0	■ <1	■ 0

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	<b>■ 2</b>	■ 2	■ 3	■ <1
Copper	ppm	<b>■ 2</b>	■ 1	■ 2	■ 2
Lead	ppm	<b>■ 0</b>	■ 0	■ 1	■ 1
Tin	ppm	<b>■ 0</b>	■ 0	■ 0	■ <1
Aluminum	ppm	<b>■ 0</b>	■ <1	■ 0	■ <1
Chromium	ppm	<b>■ &lt;1</b>	■ <1	■ <1	■ <1
Molybdenum	ppm	<b>■ 0</b>	■ 0	■ 0	■ 0
Nickel	ppm	<b>■ 0</b>	■ 0	■ 0	■ 0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>■ 0</b>	■ <1	■ 0	■ 0
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>■ 53</b>	■ 60	■ 55	■ 53
Magnesium	ppm	<b>■ 0</b>	■ 0	■ <1	■ 0
Zinc	ppm	<b>■ 342</b>	■ 442	■ 429	■ 423
Phosphorus	ppm	<b>■ 274</b>	■ 356	■ 315	■ 328
Barium	ppm	<b>■ 0</b>	■ 0	■ 0	■ 0
Boron	ppm	<b>■ 0</b>	■ 0	■ 0	■ 0

**Depot:** VOLVO8885  
**Unique No:** 10766931  
**Signed:** Wes Davis  
**Report Date:** 04 Dec 2023

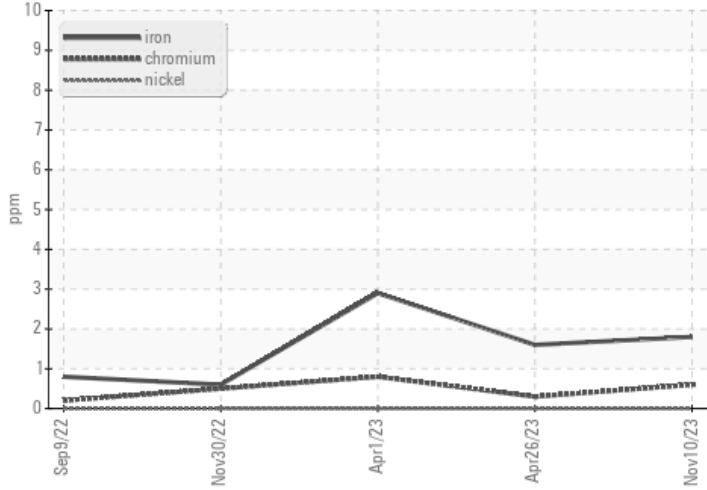


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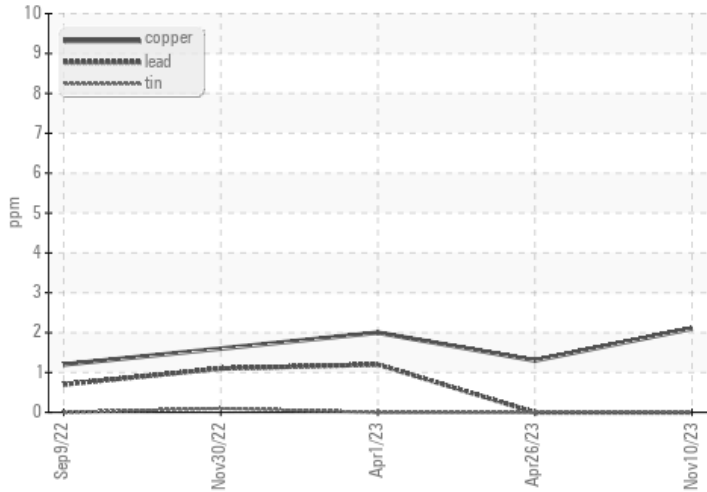


## VOLVO GRAPHS

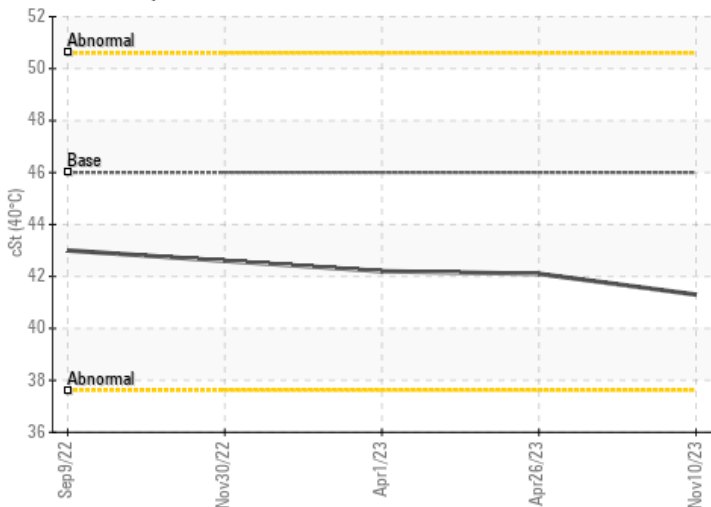
### Ferrous Alloys



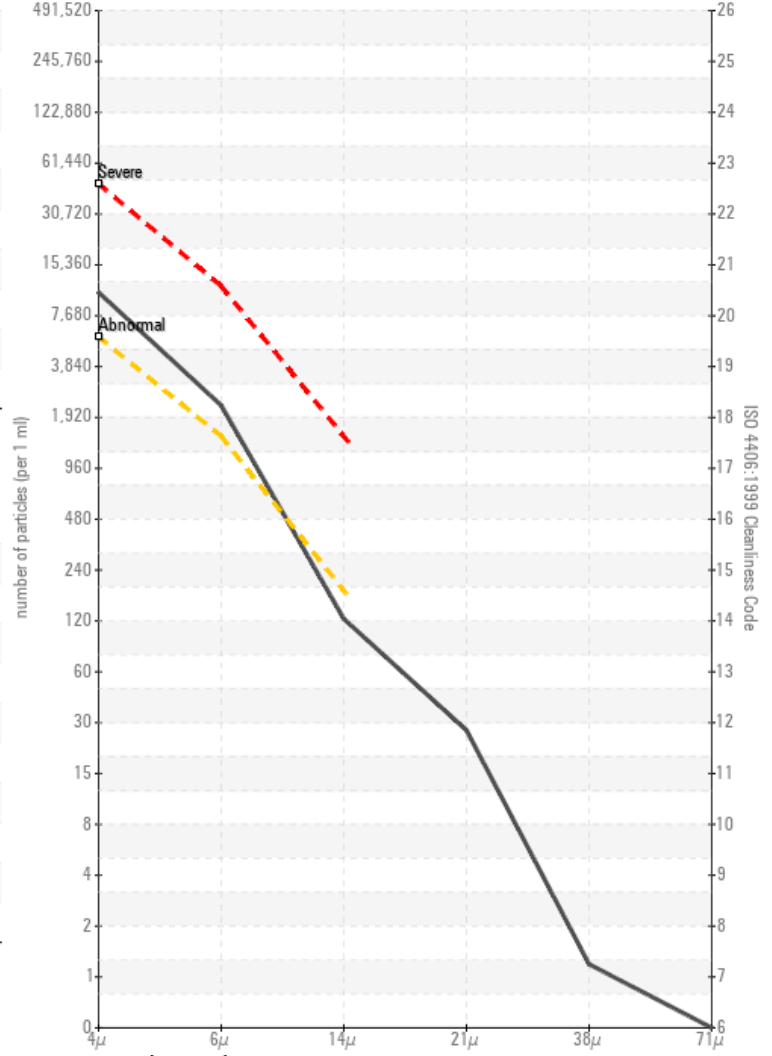
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

