



# CONSTRUCTION EQUIPMENT

## 135399 VOLVO L260H 1362 - HYDRAULIC SYSTEM



**Sample No:** VCP434228  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** 135399



### SAMPLE INFORMATION

Sample Number	VCP434228	VCP371713	VCP435418	VCP416978
Sample Date	30 Jan 2024	13 Oct 2023	01 Sep 2023	24 Jul 2023
Machine Hours	2538	1526	1072	595
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

LATTIMORE MATERIALS/HOLCIM - ROSSER - LAFARGE  
 14242 S SH-34  
 SCURRY, TX  
 US 75158  
 Contact: WALLACE WARREN  
 wallace.warren@lafargeholcim.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	42.1	41.7	41.9	42.4
Acid Number (AN)	mg KOH/g	0.35	0.34	0.37	0.47



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		4345	---	3709	2239
Particles >6µm		1113	---	263	247
Particles >14µm		97	---	13	23
ISO 4406:1999 (c)		19/17/14	---	19/15/11	18/15/12
Silicon	ppm	2	2	1	<1
Sodium	ppm	0	<1	1	2
Potassium	ppm	1	0	<1	<1

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination 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	4	7	1	1
Copper	ppm	3	2	2	2
Lead	ppm	2	<1	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	0	<1	0
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



### ADDITIVES

Calcium	ppm	53	48	46	49
Magnesium	ppm	<1	0	0	4
Zinc	ppm	417	417	430	419
Phosphorus	ppm	342	324	342	315
Barium	ppm	13	0	0	<1
Boron	ppm	0	0	0	0

**Depot:** LATSCU  
**Unique No:** 10873460  
**Signed:** Don Baldrige  
**Report Date:** 13 Feb 2024

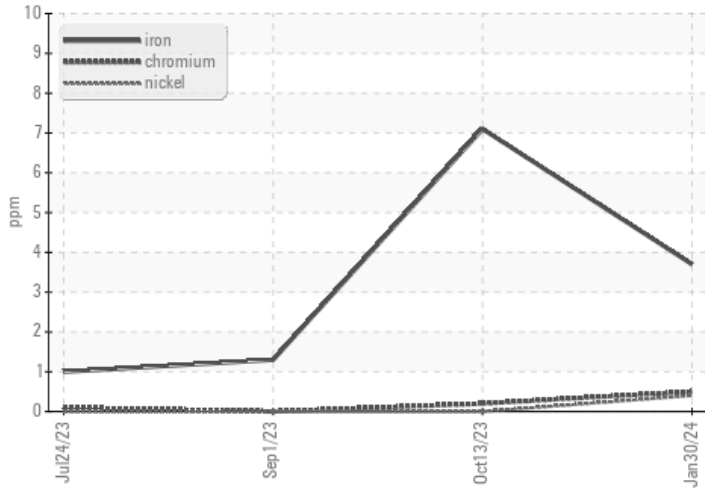


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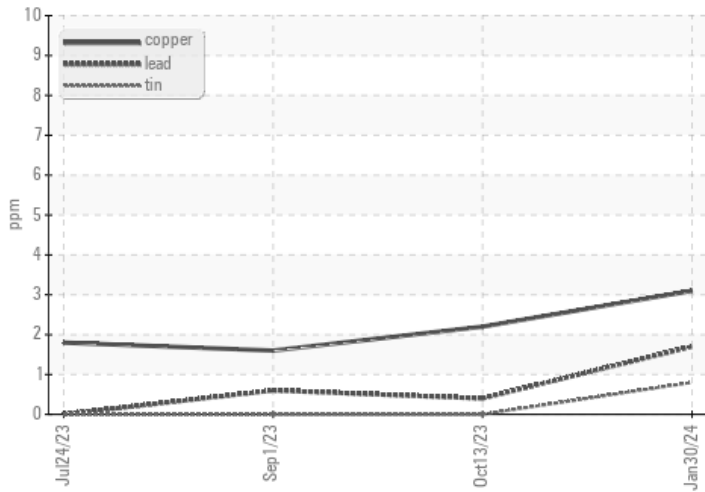


## GRAPHS

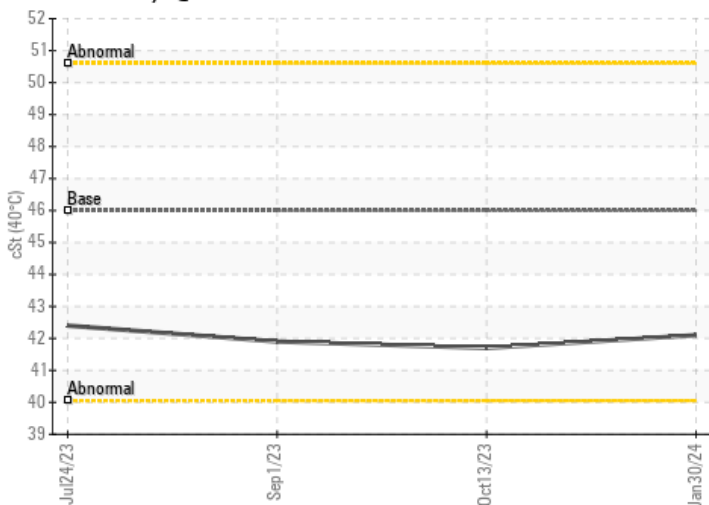
### Ferrous Alloys



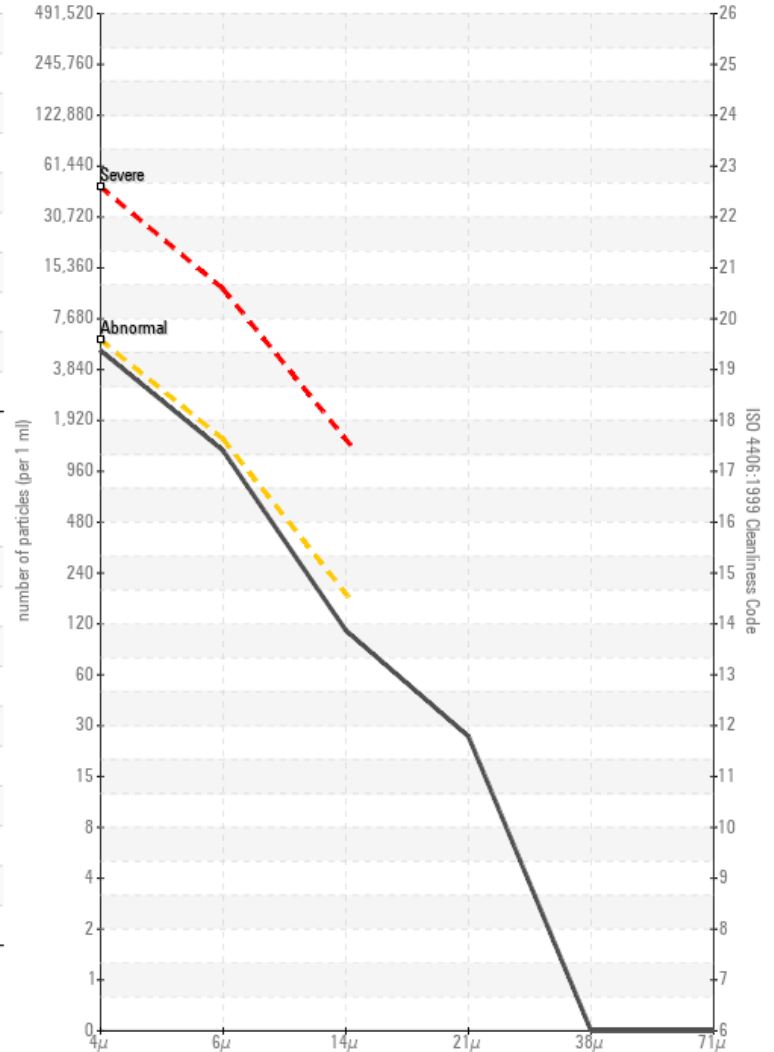
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

