

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R926 048474-1565 - Hydraulic System

Sample No: LH0281113

Oil Type: LIEBHERR XV 32



**VICTORIA STONESCAPES**  
 1870 KEATING CROSS ROAD  
 SAANICHTON, BC  
 CA V8M 1W9  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0281113	LH0246926	LH0226779	---
Sample Date	05 Jan 2024	02 Feb 2023	18 May 2022	---
Machine Hours	1956	1563	2674	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### OIL CONDITION

Visc @ 40°C	cSt	42.3	42.5	42.4	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		1310	986	3086	---
Particles >6µm		252	91	674	---
Particles >14µm		19	5	63	---
ISO 4406:1999 (c)		18/15/11	17/14/10	19/17/13	---
Silicon	ppm	6	6	6	---
Sodium	ppm	2	2	2	---
Potassium	ppm	1	1	2	---

#### 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 condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	16	12	12	---
Copper	ppm	6	6	6	---
Lead	ppm	1	1	1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	2	1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

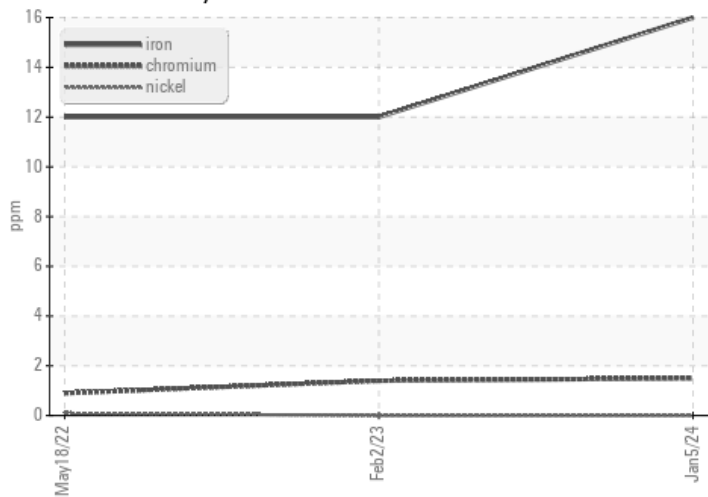
Calcium	ppm	1061	1125	1166	---
Magnesium	ppm	5	5	5	---
Zinc	ppm	685	666	667	---
Phosphorus	ppm	577	612	606	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	<1	<1	---

Depot: VICSA  
 Unique No: 5708968  
 Signed: Wes Davis  
 Report Date: 12 Jan 2024

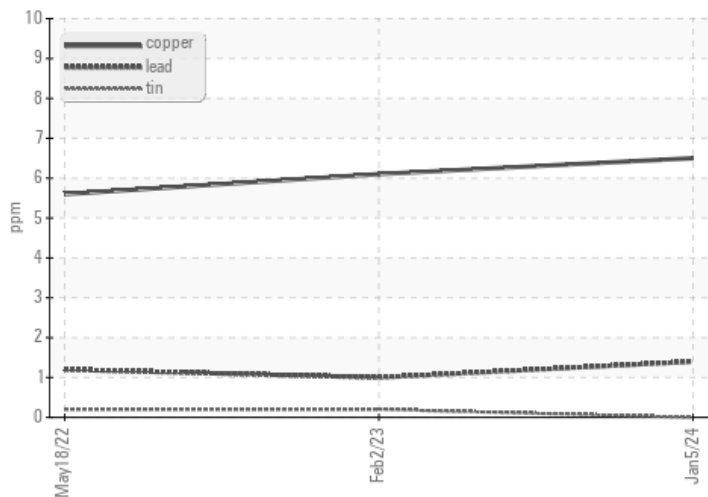


### GRAPHS

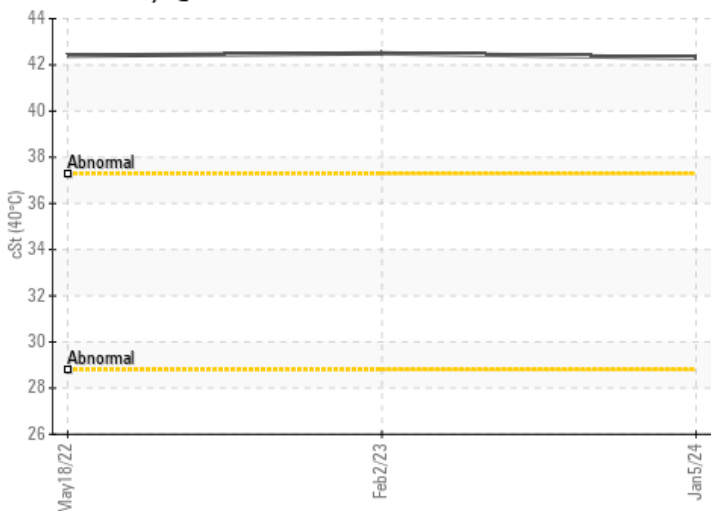
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

