

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A904C062702-1071 - Hydraulic System

Sample No: LH0260601

Oil Type: AW HYDRAULIC OIL ISO 46



ABC RECYCLING

9631 - 78 Street  
Fort St.John, BC  
CA V1J 4J8  
Contact: MAINTENANCE

T: (250)785-7900

F: (250)483-6463

#### 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. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The condition of the oil is acceptable for the time in service.



#### SAMPLE INFORMATION

Sample Number	LH0260601	LH0094181	---	---
Sample Date	21 Sep 2023	06 Aug 2015	---	---
Machine Hours	6390	6923	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ABNORMAL	ATTENTION	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	28.9	40.6	---	---
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#### CONTAMINATION

Particles >4µm		6400	31908	---	---
Particles >6µm		763	8592	---	---
Particles >14µm		13	435	---	---
ISO 4406:1999 (c)		20/17/11	22/20/16	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	0	<1	---	---



#### WEAR METALS

Iron	ppm	11	19	---	---
Copper	ppm	3	4	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

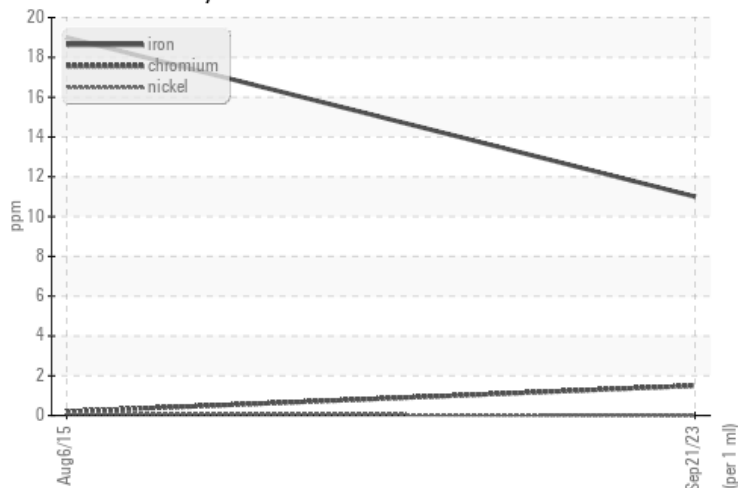
Calcium	ppm	61	86	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	439	367	---	---
Phosphorus	ppm	355	303	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	<1	<1	---	---

Depot: ABCFOR  
Unique No: 5656252  
Signed: Kevin Marson  
Report Date: 06 Oct 2023

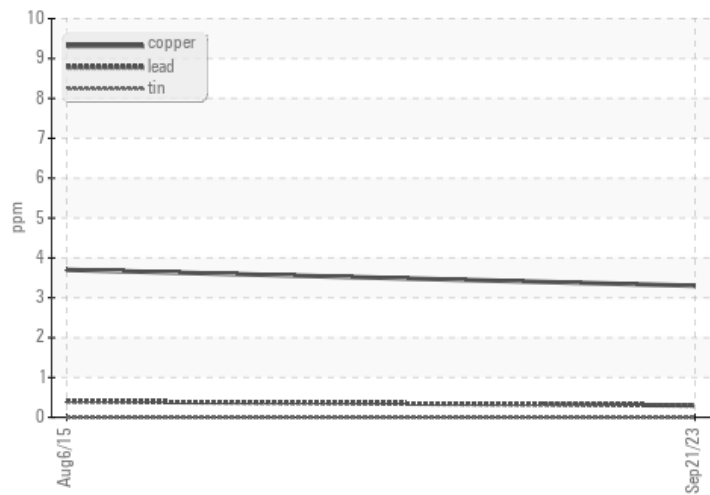


### GRAPHS

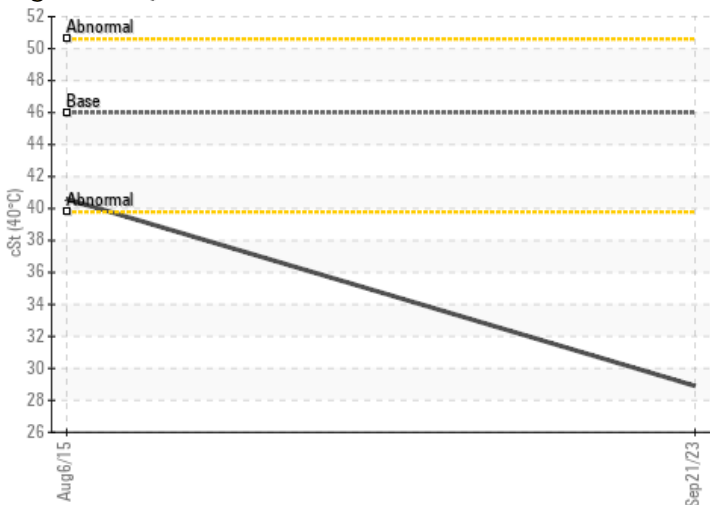
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

