

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R934C 25286 - Hydraulic System

Sample No: LH0274707

Oil Type: NOT GIVEN



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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 F: (905)319-6622



SAMPLE INFORMATION

Sample Number	LH0274707	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	33.2	---	---	---
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CONTAMINATION

Particles >4µm		16489	---	---	---
Particles >6µm		2836	---	---	---
Particles >14µm		120	---	---	---
ISO 4406:1999 (c)		21/19/14	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	19	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	5	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	64	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	479	---	---	---
Phosphorus	ppm	458	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

Diagnosis

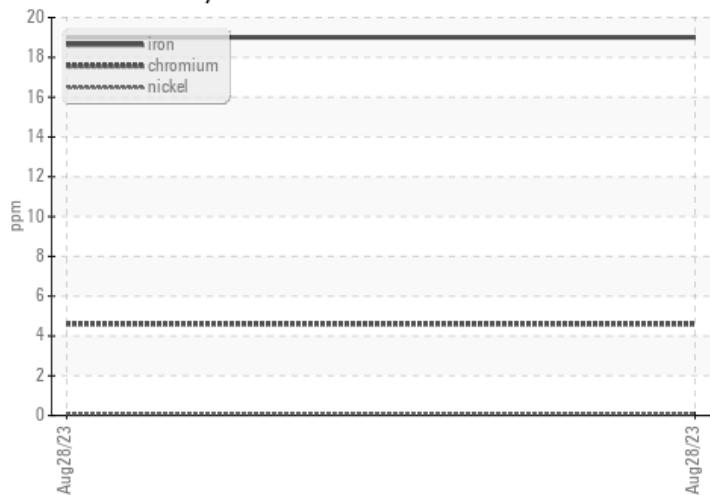
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
 Unique No: 5632754
 Signed: Kevin Marson
 Report Date: 01 Sep 2023

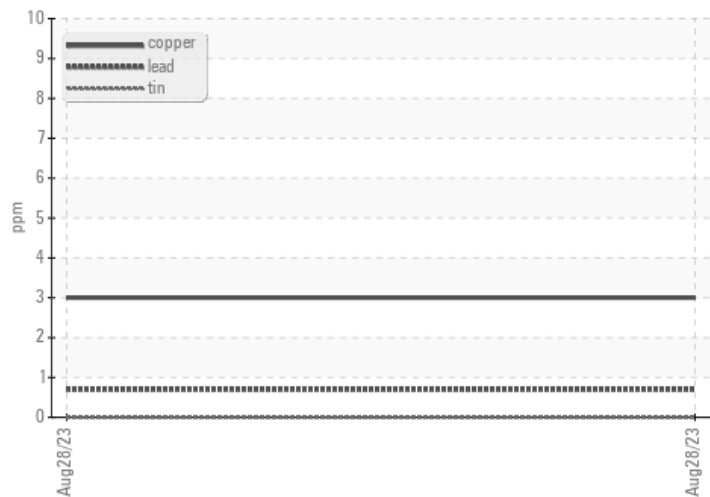


GRAPHS

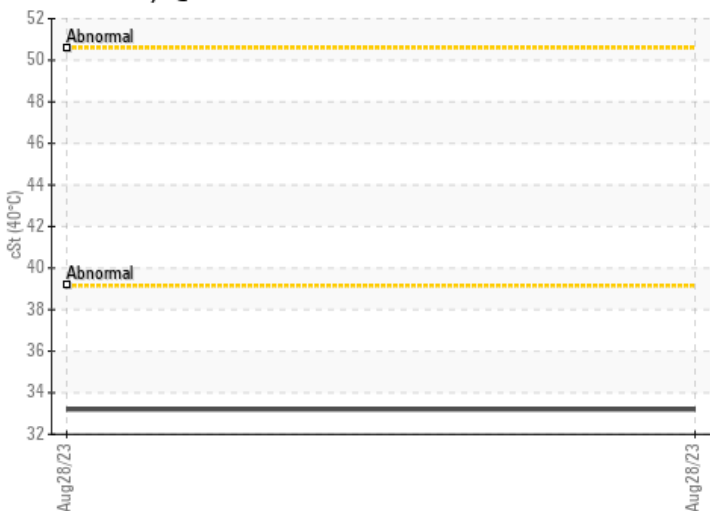
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

