

LIEBHERR

CONSTRUCTION EQUIPMENT



284 - Steering

Sample No: LH0265082

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0265082	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	24504	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr-Canada Ltd.

Fort McKay Industrial Park, Lot No. 12 and 13
 Fort McMurray, AB
 CA T9H 5N3
 Contact: Corey Ekroth
 corey.ekroth@liebherr.com
 T: (780)791-2967
 F:



OIL CONDITION

Visc @ 40°C	cSt	39.1	---	---	---
-------------	-----	------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	3044	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1186	---	---	---
Phosphorus	ppm	1000	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

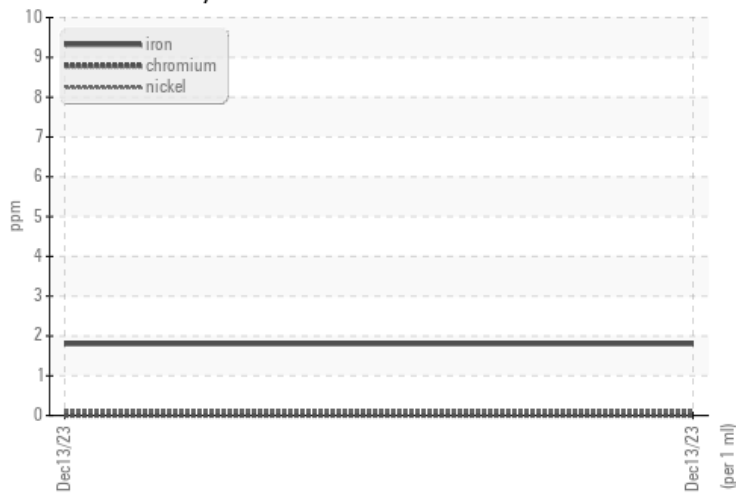
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition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

Depot: LIEFTM
 Unique No: 5697578
 Signed: Kevin Marson
 Report Date: 21 Dec 2023

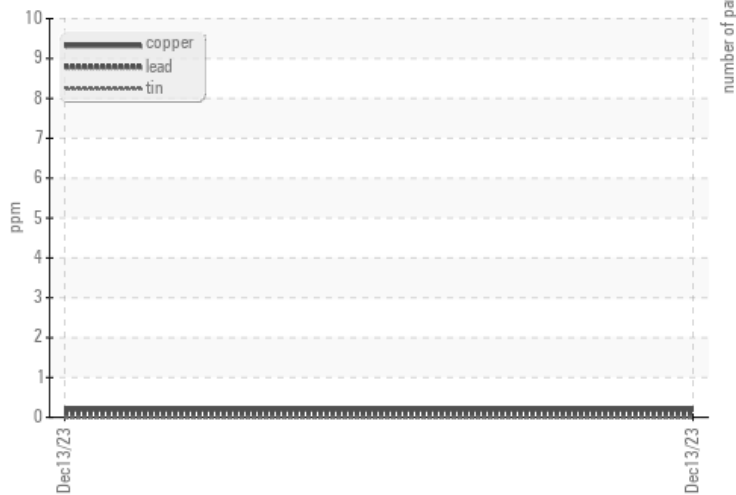


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

