

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R934 050577-1550 - Hydraulic System

Sample No: LH

Oil Type: R&O OIL ISO 46



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	23 Mar 2023	---	---	---
Machine Hours	3000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Location Deric

5145 rue Rideau

Quebec, QC

CA G2E 5H5

Contact: Pascal Langlois

pascal.langlois@groupeperic.ca

T:

F:



OIL CONDITION

Visc @ 40°C	cSt	● 46.6	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 4065	---	---	---
Particles >6µm		● 1004	---	---	---
Particles >14µm		● 65	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) R&O OIL ISO 46. Veuillez confirmer. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	● 31	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 1	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 1	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 29	---	---	---
Phosphorus	ppm	● 199	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

Depot: LOC514QUE

Unique No: 5552374

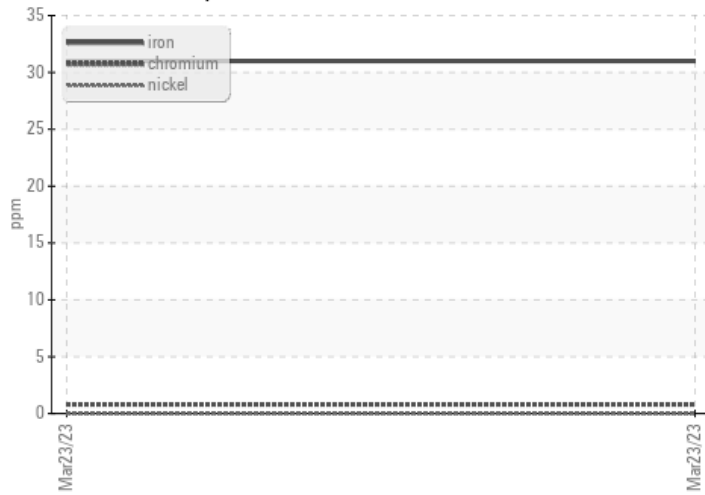
Signed: Wes Davis

Report Date: 24 Mar 2023

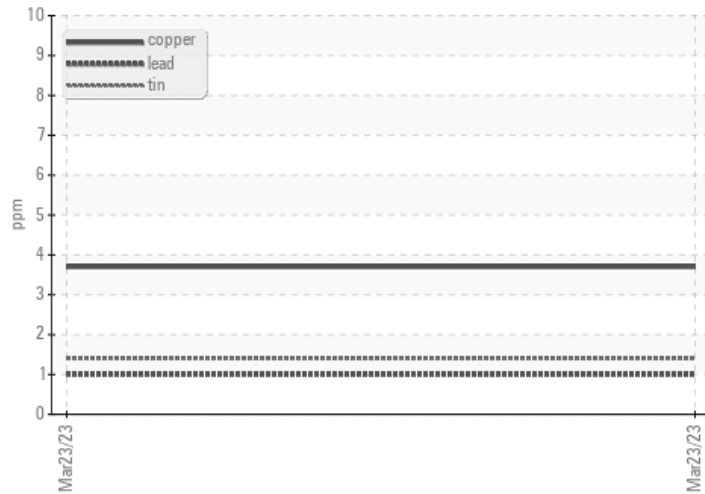


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

