

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 153712-1253 - Hydraulic System

Sample No: LH

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Innovation Industrielle Boivin Inc.
 2205 de la Fonderie
 Chicoutimi, QC
 CA G7H 8B9
 Contact: Service Manager

T:
 F:



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	45.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		24634	---	---	---
Particles >6µm		3923	---	---	---
Particles >14µm		108	---	---	---
ISO 4406:1999 (c)		22/19/14	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	15	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

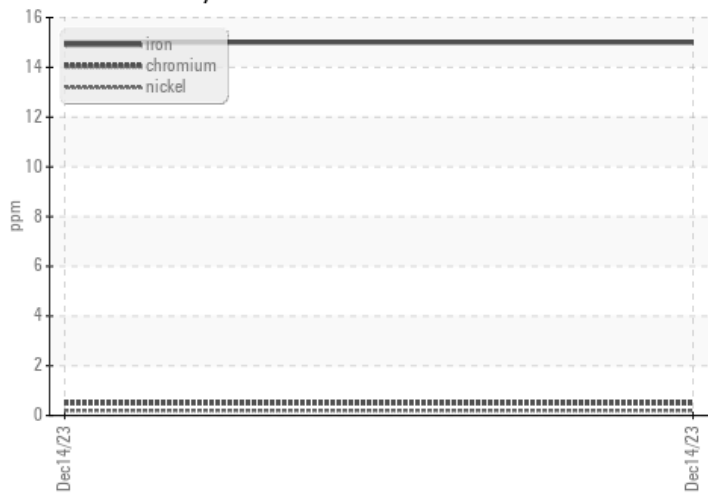
Calcium	ppm	1456	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	721	---	---	---
Phosphorus	ppm	636	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

Depot: INN220CHI
Unique No: 5696951
Signed: Kevin Marson
Report Date: 19 Dec 2023

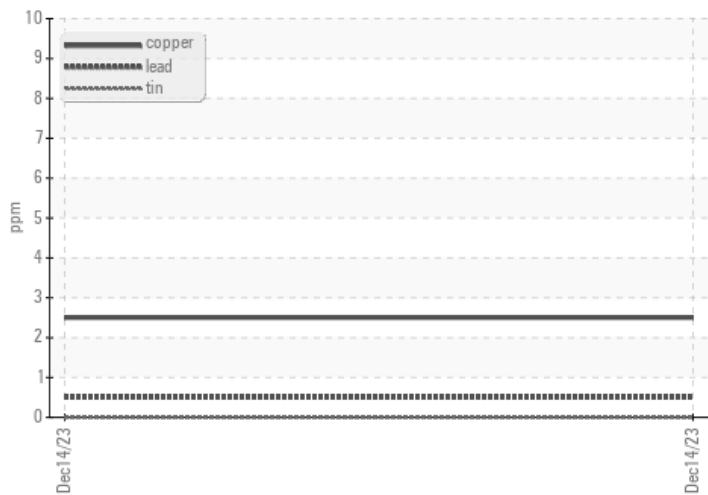


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

