

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 143683-1253 - Hydraulic System

Sample No: LH

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SCIERIE MARTEL LTEE
 3000 ROUTE DU LAC EST
 ALMA, QC
 CA G8B 5V2
 Contact: Alain Bauchard

T: (418)668-3366
 F: (418)668-2071



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	44.8	---	---	---
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CONTAMINATION

Particles >4µm		453	---	---	---
Particles >6µm		60	---	---	---
Particles >14µm		5	---	---	---
ISO 4406:1999 (c)		16/13/10	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	15	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1378	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	701	---	---	---
Phosphorus	ppm	663	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

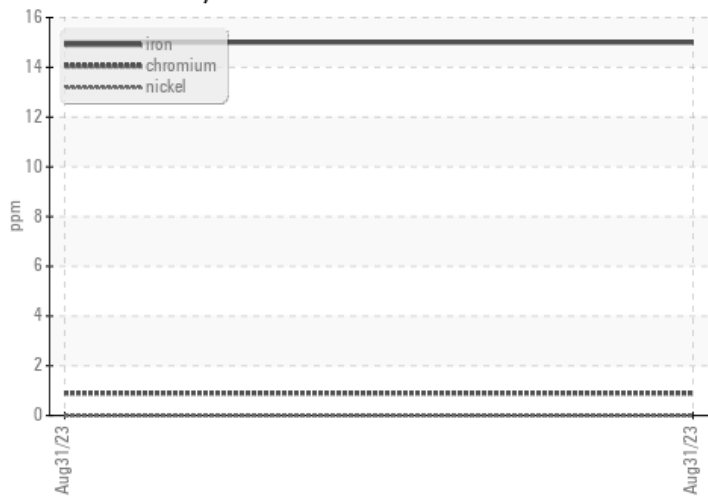
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: SCIALM
 Unique No: 5642503
 Signed: Kevin Marson
 Report Date: 12 Sep 2023

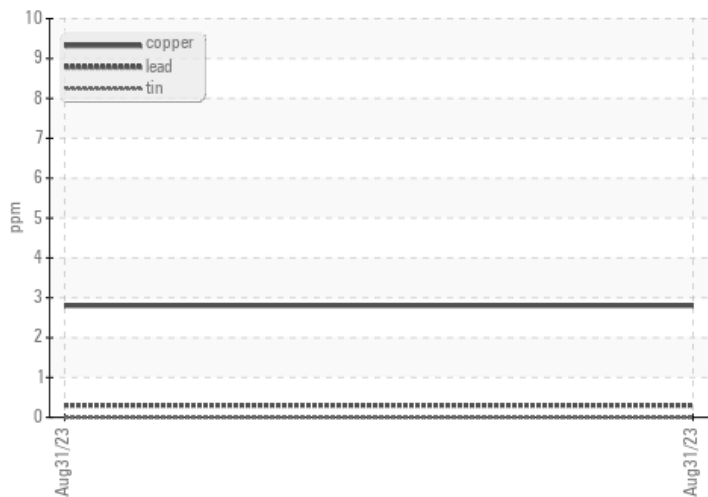


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

