

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 142537-1252 - Hydraulic System

Sample No: LH0259688

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



9428-7158 QC INC.

935 ROUTE SHENLEY EST
ST-HONORE DE SHENLEY, QC
CA G0M 1V0

Contact: Service Manager

T:
F:



SAMPLE INFORMATION

Sample Number	LH0259688	---	---	---
Sample Date	19 Jun 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	44.6	---	---	---
Acid Number (AN)	mg KOH/g	1.56	---	---	---



CONTAMINATION

Particles >4µm		13379	---	---	---
Particles >6µm		2237	---	---	---
Particles >14µm		38	---	---	---
ISO 4406:1999 (c)		21/18/12	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1060	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	728	---	---	---
Phosphorus	ppm	656	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

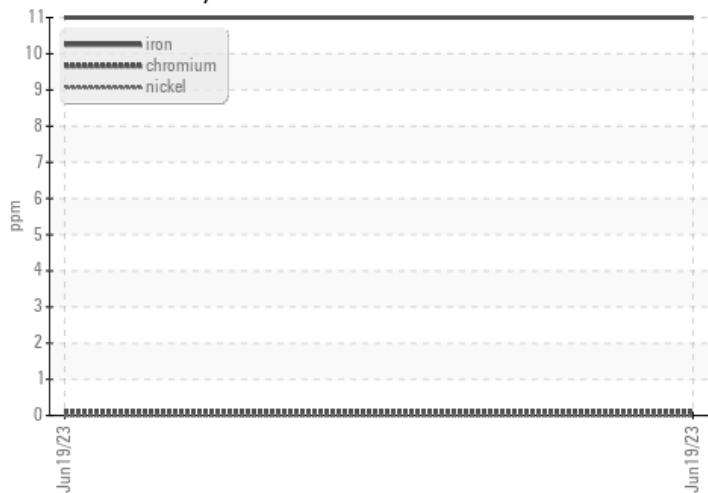
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate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

Depot: 942STH
Unique No: 5605064
Signed: Kevin Marson
Report Date: 06 Jul 2023

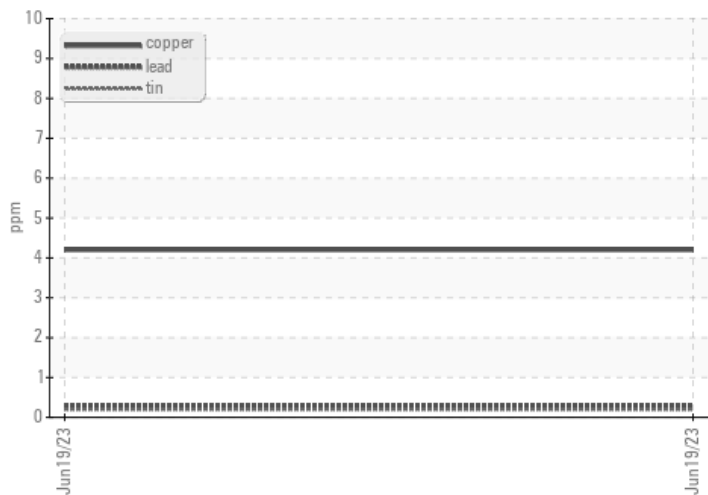


GRAPHS

Ferrous Alloys



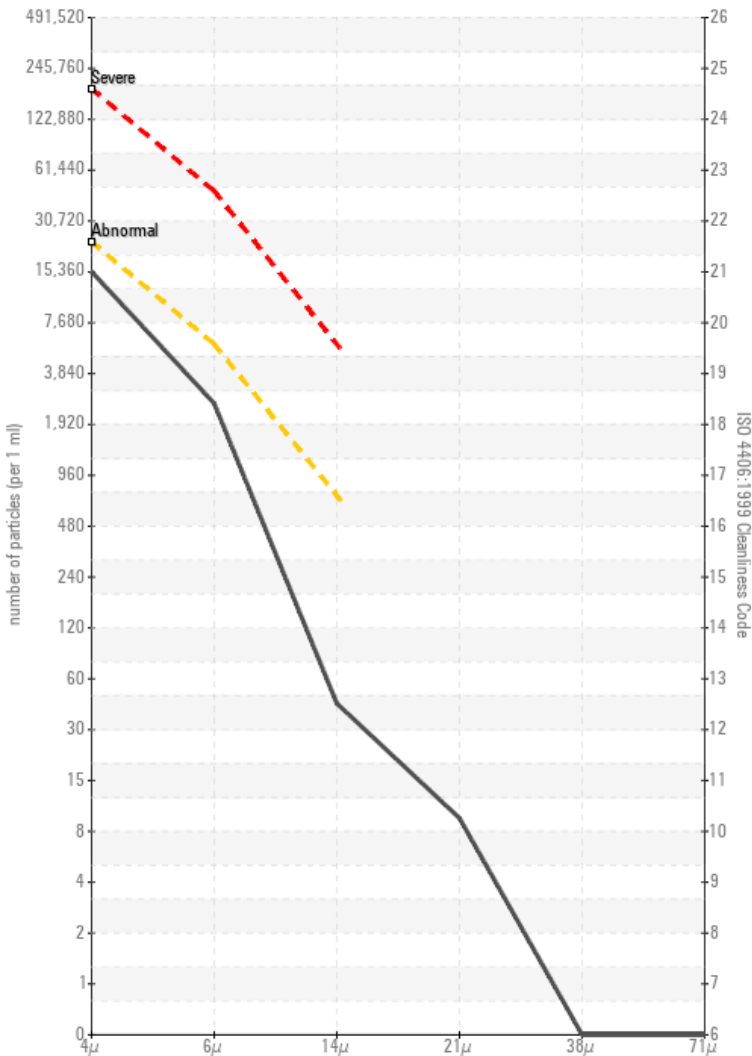
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

