

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R920 055158-1705 - Hydraulic System

Sample No: LH0269715

Oil Type: LIEBHERR HYDRAULIC HVI



SAMPLE INFORMATION

Sample Number	LH0269715	---	---	---
Sample Date	16 Sep 2023	---	---	---
Machine Hours	720	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

IDEAL EARTH WORKS INC
 54229 RANGE RD. 262
 STURGEON COUNTY, AB
 CA T8T 0Z5
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 43.8	---	---	---
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T:
F:



CONTAMINATION

Particles >4µm		● 31136	---	---	---
Particles >6µm		● 3850	---	---	---
Particles >14µm		● 65	---	---	---
ISO 4406:1999 (c)		22/19/13	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 10	---	---	---

Diagnosis

We recommend you service the filters on this component. 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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 5	---	---	---
Copper	ppm	● 6	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
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

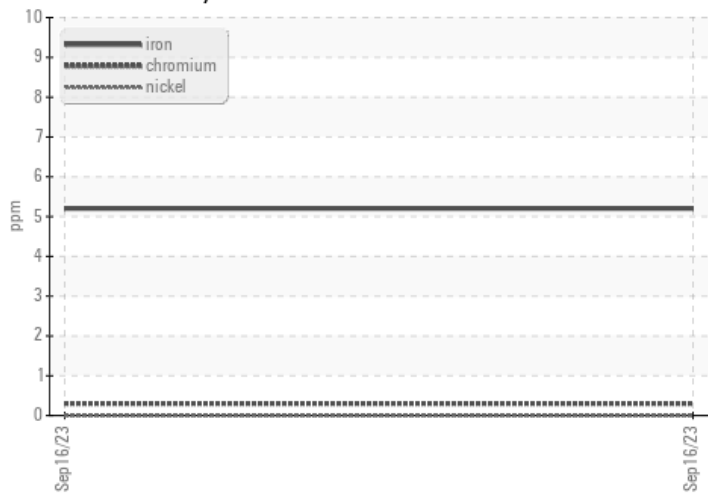
Calcium	ppm	● 1386	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 724	---	---	---
Phosphorus	ppm	● 673	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

Depot: IDESTU
 Unique No: 5645052
 Signed: Wes Davis
 Report Date: 21 Sep 2023

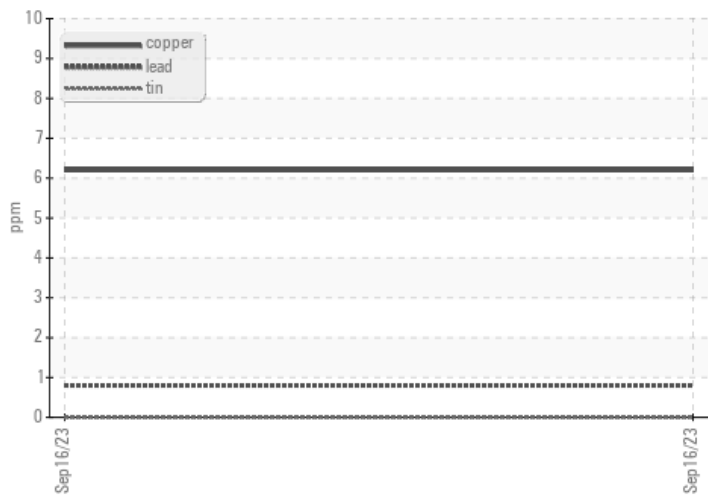


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

