

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A910 143059-1837 - Hydraulic System

Sample No: LH0238949

Oil Type: AW HYDRAULIC OIL ISO 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0238949	---	---	---
Date d'échant.	01 Mar 2024	---	---	---
Heures de la Machine	446	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Not Changed	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---

FORACTION INC.
270 RUE BRUNET
MONT ST-HILAIRE, QC
CA J3H 0M6
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	● 47.4	---	---	---
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T:
F:



CONTAMINATION

Eau	%	● 0.272	---	---	---
Particules >4μ		● 9356	---	---	---
Particules >6μ		● 710	---	---	---
Particules >14μ		● 30	---	---	---
ISO 4406:1999 (c)		20/17/12	---	---	---
Silicium	ppm	● 3	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 3	---	---	---

Diagnostic

We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The oil is no longer serviceable due to the presence of contaminants.



MÉTAUX D'USURE

Fer	ppm	● 8	---	---	---
Cuivre	ppm	● 5	---	---	---
Plomb	ppm	● 2	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● 1	---	---	---
Chrome	ppm	● 1	---	---	---
Molybdène	ppm	● 3	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	1	---	---	---
Manganèse	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIFS

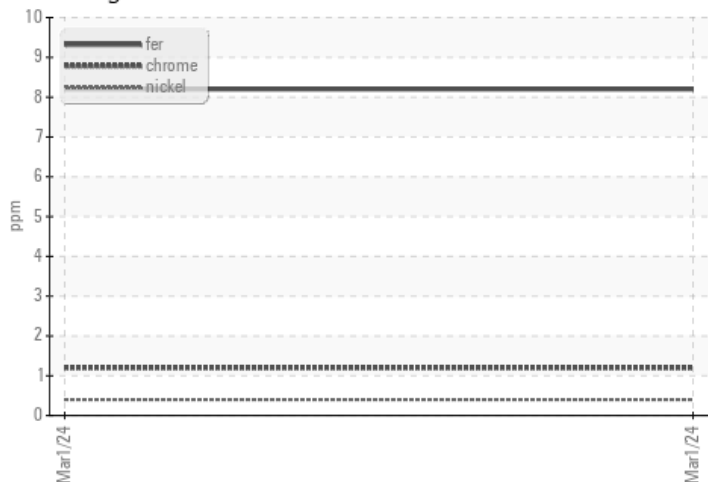
Calcium	ppm	1400	---	---	---
Magnésium	ppm	56	---	---	---
Zinc	ppm	794	---	---	---
Phosphore	ppm	662	---	---	---
Baryum	ppm	● <1	---	---	---
Bore	ppm	● 2	---	---	---

Depot: FOR270MON
Unique No: 5737062
Signed: Kevin Marson
Report Date: 07 Mar 2024

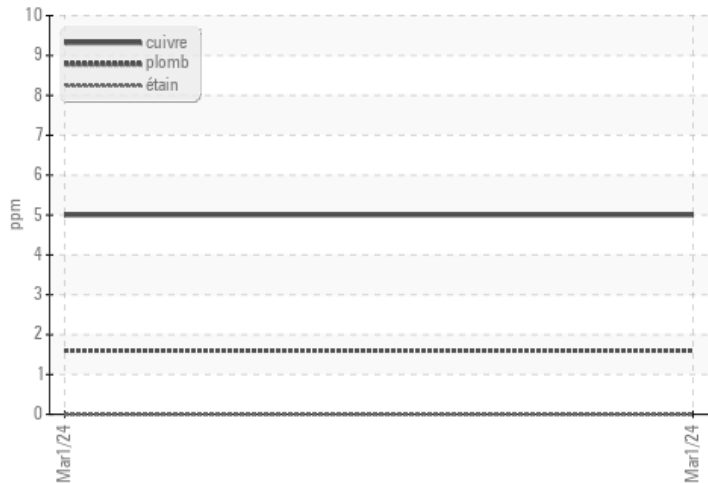


GRAPHS

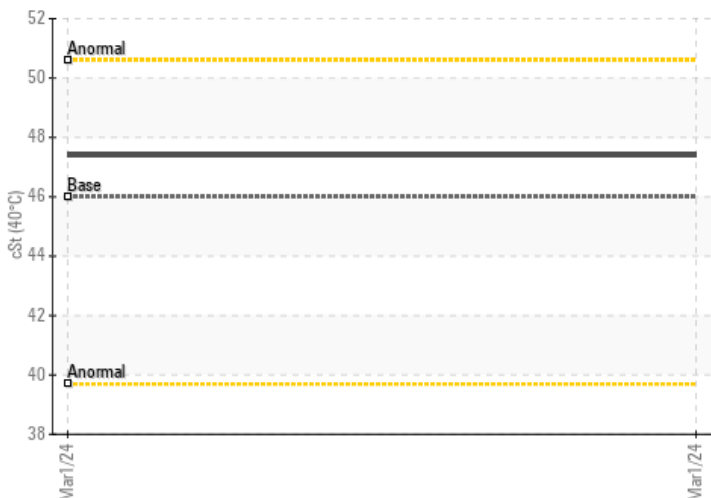
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

