

LIEBHERR

CONSTRUCTION EQUIPMENT



[[20240039]] LIEBHERR R944C 025727 - Hydraulic System

Sample No: LH0278541

Oil Type: {unknown}



Gerdau - Mandak Metal Processors Ltd.,
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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278541	---	---	---
Date d'échant.	01 Feb 2024	---	---	---
Heures de la Machine	18562	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Not Changed	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	34.3	---	---	---
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CONTAMINATION

Eau	%	NEG	---	---	---
Particules >4µ		66514	---	---	---
Particules >6µ		18495	---	---	---
Particules >14µ		1057	---	---	---
ISO 4406:1999 (c)		23/21/17	---	---	---
Silicium	ppm	1	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	1	---	---	---



MÉTAUX D'USURE

Fer	ppm	6	---	---	---
Cuivre	ppm	2	---	---	---
Plomb	ppm	0	---	---	---
Étain	ppm	<1	---	---	---
Aluminium	ppm	<1	---	---	---
Chrome	ppm	4	---	---	---
Molybdène	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIFS

Calcium	ppm	81	---	---	---
Magnésium	ppm	4	---	---	---
Zinc	ppm	583	---	---	---
Phosphore	ppm	463	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	0	---	---	---

Diagnostic

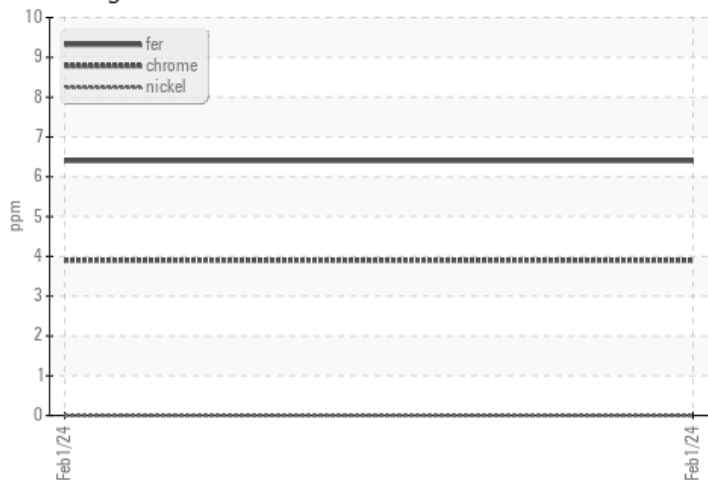
We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: MANSEL
Unique No: 5723371
Signed: Kevin Marson
Report Date: 09 Feb 2024

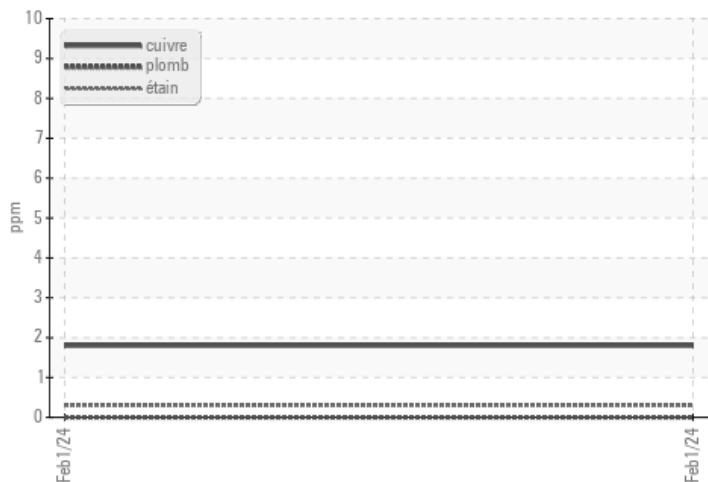


GRAPHS

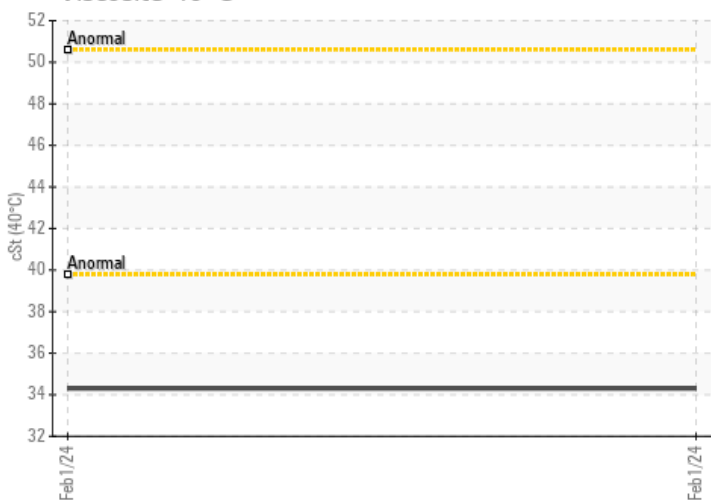
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

