

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A922 134416-1509 - Hydraulic System

Sample No: LH0247002

Oil Type: PETRO CANADA HYDREX AW 46



ACCURATE RAILROAD CONSTRUCTION LTD
130 HEALEY RD. 8
CALEDON-BOLTON, ON
CA L7E 5B3
Contact: Service Manager

T:
F:



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247002	---	---	---
Date d'échant.	28 Jul 2023	---	---	---
Heures de la Machine	1194	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Not Chngd	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---



ÉTAT D'HUILE

Visc 40°C	cSt	24.9	---	---	---
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CONTAMINATION

Particules >4µ		9446	---	---	---
Particules >6µ		2610	---	---	---
Particules >14µ		163	---	---	---
ISO 4406:1999 (c)		20/19/15	---	---	---
Silicium	ppm	4	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---



MÉTAUX D'USURE

Fer	ppm	6	---	---	---
Cuivre	ppm	3	---	---	---
Plomb	ppm	<1	---	---	---
Étain	ppm	0	---	---	---
Aluminium	ppm	<1	---	---	---
Chrome	ppm	<1	---	---	---
Molybdène	ppm	1	---	---	---
Nickel	ppm	0	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIFS

Calcium	ppm	44	---	---	---
Magnésium	ppm	23	---	---	---
Zinc	ppm	108	---	---	---
Phosphore	ppm	147	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	2	---	---	---

Diagnostic

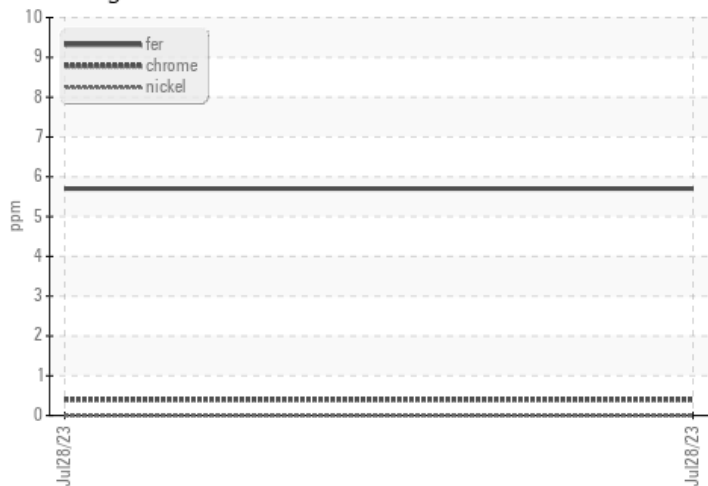
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Viscosity of sample indicates oil is within ISO 22 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot: ACC130CAL
Unique No: 5630813
Signed: Kevin Marson
Report Date: 24 Aug 2023

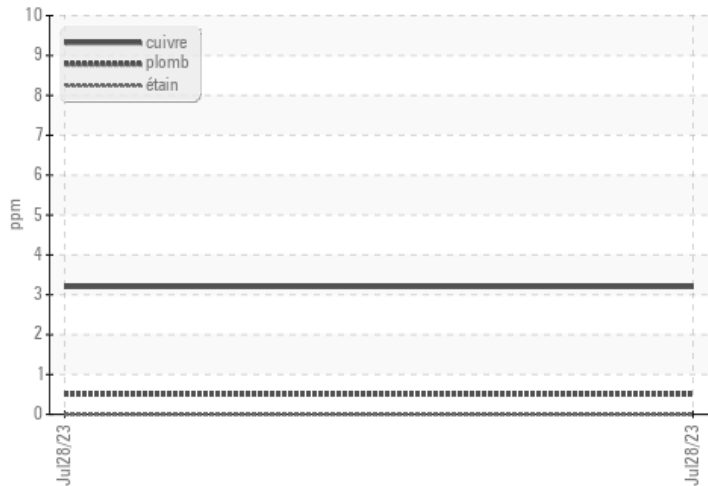


GRAPHS

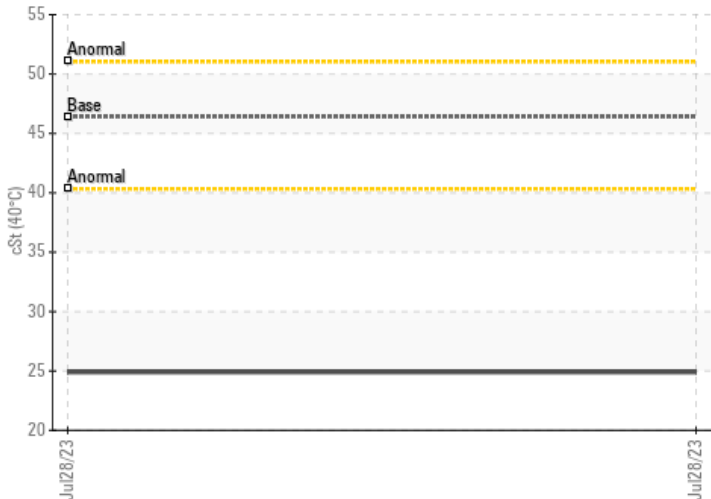
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

