



[[582168]] LIEBHERR R934C 031909 - Hydraulic System

Sample No: LH0277630

Oil Type: AW HYDRAULIC OIL ISO 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277630	LH0247317	LH0216214	LH
Date d'échant.	25 Oct 2023	10 Feb 2023	28 Nov 2021	22 Jul 2021
Heures de la Machine	0	2891	1317	0
Heures de l'huile	0	0	0	0
Huile changée	N/A	Not Changd	Not Changd	Not Changd
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

TRIJAN INDUSTRIES

1275 PLANK RD

SARNIA, ON

CA N7T 7L7

Contact: Lawry Slipacoff



ÉTAT D'HUILE

Visc 40°C	cSt	32.2	32.4	31.3	30.5

T: (519)337-3779

F: (519)332-1460



CONTAMINATION

Particules >4µ		10366	26266	22945	57958
Particules >6µ		2049	1984	2767	10396
Particules >14µ		49	53	49	267
ISO 4406:1999 (c)		21/18/13	22/18/13	22/19/13	23/21/15
Silicium	ppm	<1	<1	<1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	<1	<1	<1

Diagnostic

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 32 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	12	22	17	11
Cuivre	ppm	2	3	3	2
Plomb	ppm	<1	0	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	4	2	1
Molybdène	ppm	0	0	<1	<1
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	6	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	49	58	64	60
Magnésium	ppm	<1	2	4	2
Zinc	ppm	378	415	438	415
Phosphore	ppm	305	375	375	353
Baryum	ppm	<1	<1	0	0
Bore	ppm	<1	<1	1	1

Depot: TRI127SAR

Unique No: 5669226

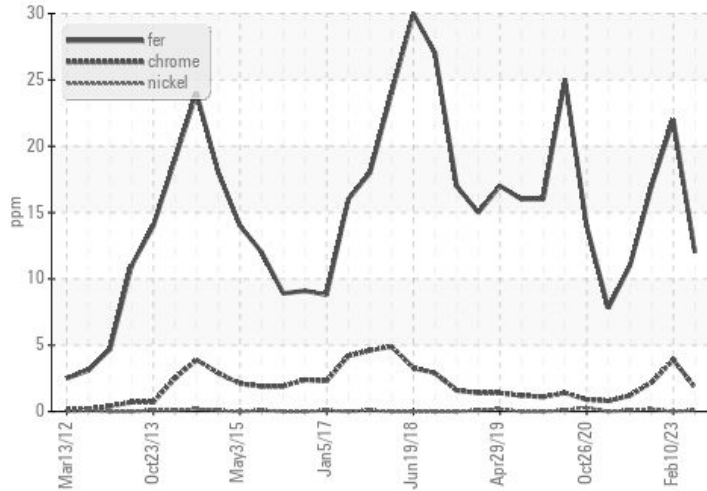
Signed: Kevin Marson

Report Date: 30 Oct 2023

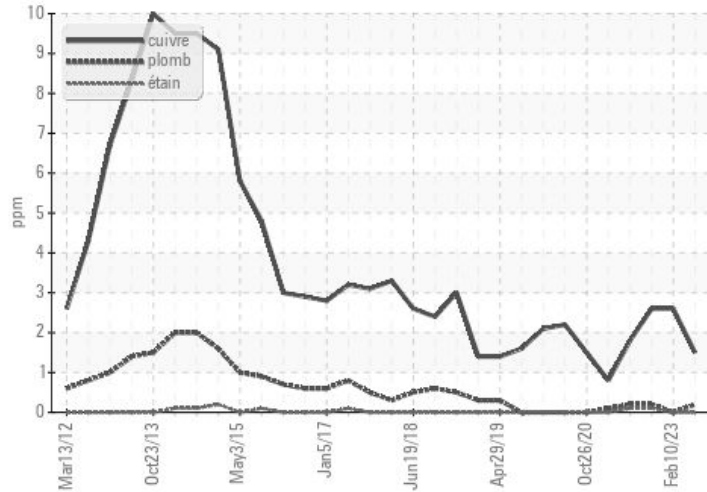


GRAPHS

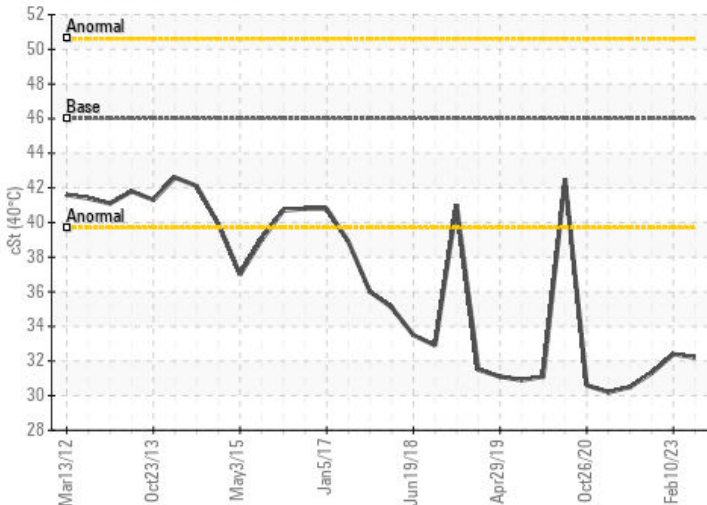
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

