LIEBHERR
CONSTRUCTION EQUIPMENT

[(347723)] LIEBHERR R945 052514-1866 - Hydraulic System

Sample No: LH0296451

Oil Type: {unknown}

STRADA AGGREGATES
30 FLORAL PARKWAY
CONCORD, ON
CA L4K 4R1
Contact: Service Manager

T:
F:

Information sur l'échantillon

Numéro d'échant.		**LH0296451**	---	---	---
Date d'échant.		**08 Jul 2024**	---	---	---
Heures de la Machine		**5635**	---	---	---
Heures de l'huile		**0**	---	---	---
Huile changée		**Not Changd**	---	---	---
Statut de l'echant.		**SEVERE**	---	---	---

État d'huile

Visc 40°C	cSt	**41.0**	---	---	---

Contamination

Eau	%	**NEG**	---	---	---
Particules >4µ		**9877**	---	---	---
Particules >6µ		**3326**	---	---	---
Particules >14µ		**274**	---	---	---
ISO 4406:1999 (c)		**20/19/15**	---	---	---
Silicium	ppm	**4**	---	---	---
Sodium	ppm	**4**	---	---	---
Potassium	ppm	**<1**	---	---	---

Métaux d'usure

PQ		**27**	---	---	---
Fer	ppm	**144**	---	---	---
Cuivre	ppm	**6**	---	---	---
Plomb	ppm	**<1**	---	---	---
Étain	ppm	**0**	---	---	---
Aluminium	ppm	**1**	---	---	---
Chrome	ppm	**4**	---	---	---
Molybdène	ppm	**0**	---	---	---
Nickel	ppm	**<1**	---	---	---
Titane	ppm	**0**	---	---	---
Argent	ppm	**0**	---	---	---
Manganèse	ppm	**2**	---	---	---
Vanadium	ppm	**0**	---	---	---

Additifs

Calcium	ppm	**748**	---	---	---
Magnésium	ppm	**3**	---	---	---
Zinc	ppm	**642**	---	---	---
Phosphore	ppm	**536**	---	---	---
Baryum	ppm	**<1**	---	---	---
Bore	ppm	**<1**	---	---	---

Diagnostic

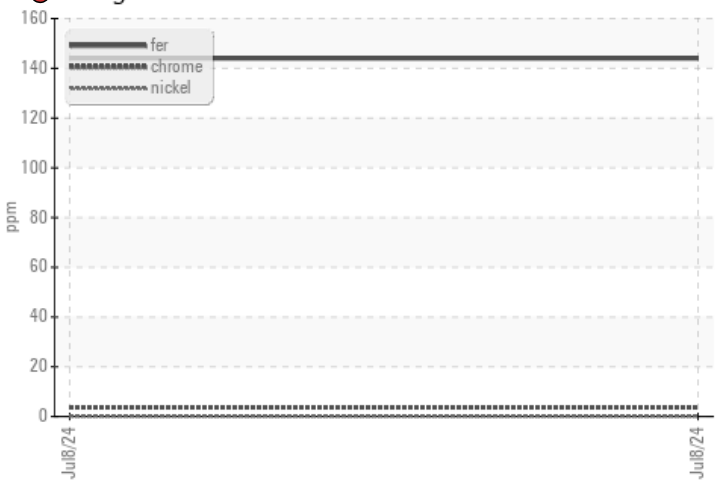
Re-sampling is suggested to confirm test results prior to significant maintenance activities being performed. Please indicate that this is a resample on your Sample Information Form (SIF). Please specify the brand, type, and viscosity of the oil on your next sample.Iron ppm levels are severe. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: STR30CON
Unique No: 5812903
Signed: Kevin Marson
Report Date: 15 Jul 2024

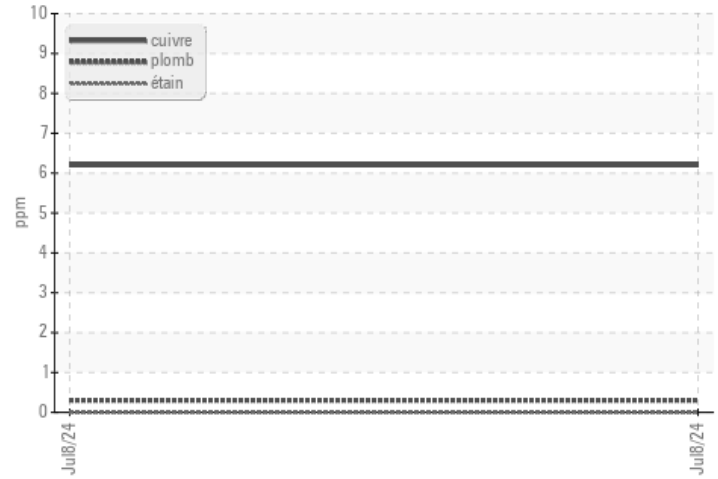
LIEBHERR
CONSTRUCTION EQUIPMENT

Graphs

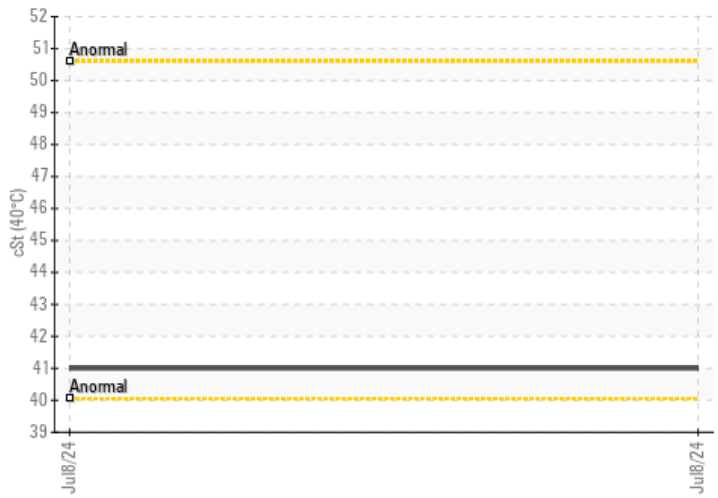
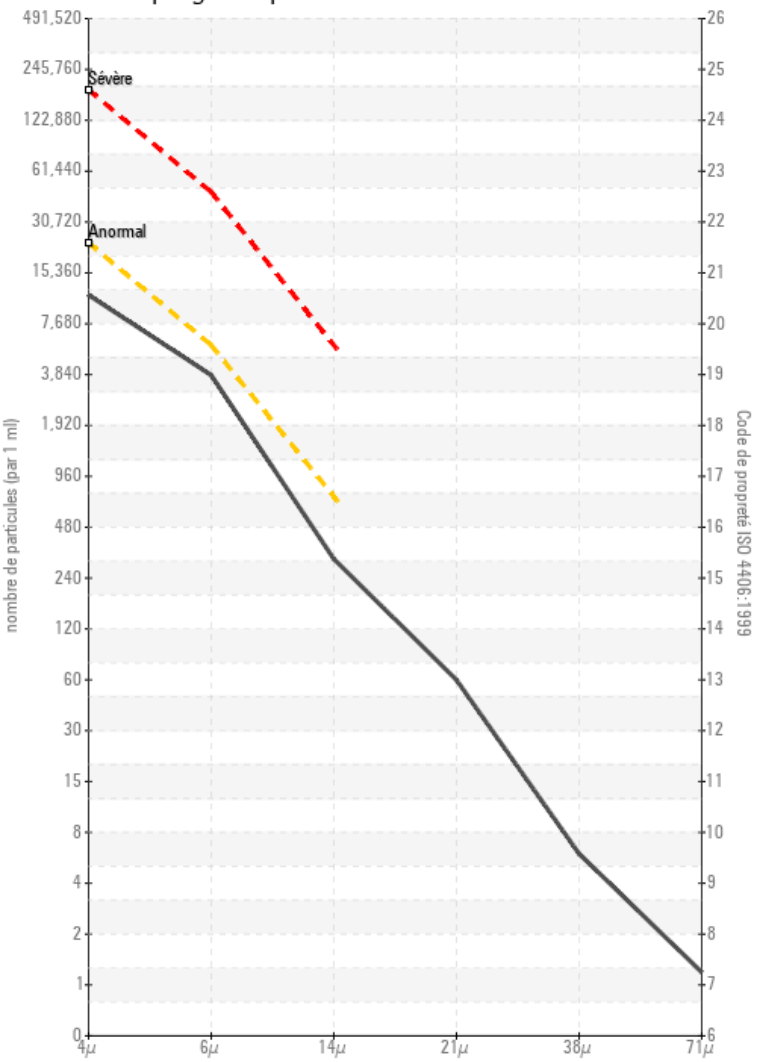
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules