

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0296450

Oil Type: {unknown}



Information sur l'échantillon

Numéro d'échant.	LH0296450	LH0296451	---	---
Date d'échant.	08 Jul 2024	08 Jul 2024	---	---
Heures de la Machine	5635	5635	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changd	Not Changd	---	---
Statut de l'échant.	SEVERE	SEVERE	---	---

STRADA AGGREGATES

30 FLORAL PARKWAY

CONCORD, ON

CA L4K 4R1

Contact: Service Manager



État d'huile

Visc 40°C	cSt	41.1	41.0	---	---
-----------	-----	------	------	-----	-----

T:

F:



Contamination

Eau	%	NEG	NEG	---	---
Particules >4µ		25154	9877	---	---
Particules >6µ		10645	3326	---	---
Particules >14µ		1048	274	---	---
ISO 4406:1999 (c)		22/21/17	20/19/15	---	---
Silicium	ppm	5	4	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	<1	<1	---	---

Diagnostic

We recommend you service the filters on this component. 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. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



Métaux d'usure

PQ		22	27	---	---
Fer	ppm	141	144	---	---
Cuivre	ppm	6	6	---	---
Plomb	ppm	<1	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	1	1	---	---
Chrome	ppm	4	4	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	737	748	---	---
Magnésium	ppm	3	3	---	---
Zinc	ppm	632	642	---	---
Phosphore	ppm	521	536	---	---
Baryum	ppm	<1	<1	---	---
Bore	ppm	1	<1	---	---

Depot: STR30CON

Unique No: 5812904

Signed: Kevin Marson

Report Date: 15 Jul 2024



Graphs

