# EBHERR **CONSTRUCTION EQUIPMENT**

## [(363347)] LIEBHERR R934 054150-1550 - Swing Drive

Sample No: LH0218932

**Oil Type:** CASTROL SYNTEC FULL SYNTHETIC 75W90

### **Sample Information** LH0218932 LH0218925 Sample Number **KARSON SAND & GRAVEL INC** Sample Date 09 Apr 2024 13 Jul 2023 Machine Hours 1485 1040 3733 CARP ROAD CARP, ON **Oil Hours** 0 0 CA KOA 1L0 Oil Changed N/A N/A Sample Status NORMAL ABNORMAL Contact: Richard Simard richard.simardksg@gmail.com T: (613)407-0460 **Oil Condition** F: Visc @ 40°C cSt 180 200 Diagnosis **Contamination** Water % NEG NEG being utilized for top-up/fill. Silicon ppm 01 3 Sodium 03 02 ppm Potassium ppm ○ <1 $\bigcirc 1$ $\bigcirc$ **Wear Metals** different brand, or type of oil. PQ --- $\bigcirc 0$ within SAE 90 range, advise Iron 0 701 0 904 ppm Copper 0 <1 01 ppm Lead ppm 0 0 <1 Tin ppm 0 0 0 Aluminum ppm 0 <1 ○ <1 0 14 Chromium 0 11 ppm Molybdenum ppm 0 0 <1 Nickel 0 ○ <1 ppm Titanium <1 ppm < Silver 0 0 ppm Manganese ppm 07 9 Vanadium ppm 0 0 0 **Additives** Calcium ppm 0 11 0 47 Magnesium 0 <1 $\bigcirc 1$ ppm 0 20 Zinc ppm 04 Phosphorus 796 ○ 159 ppm



Confirm the source of the lubricant Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a Viscosity of sample indicates oil is investigate. The condition of the oil is acceptable for the time in service.

Depot: Unique No: Signed: **Report Date:** 

### KAR373CAR 5776170 Kevin Marson 13 May 2024 Submitted By: ?

01

2

8 🔘

02

ppm

ppm

Barium

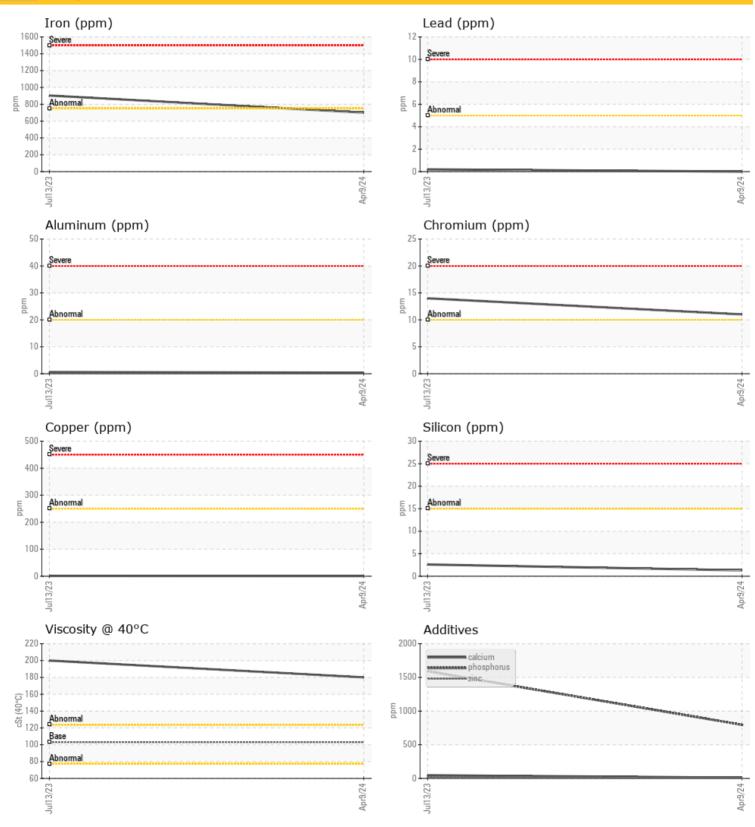
Boron





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Graphs



Report Id: KAR373CAR [WCAMIS] 02635017 (Generated: 05/15/2024 13:05:26) Rev: 1