LIEBHERR

CONSTRUCTION EQUIPMENT

035301-1375 - Swing Drive

Sample No: LH0274435

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Molybdenum

ppm

ppm

ppm

ppm

ppm

ppm

ppm

0 <1

3

<1</p>

<1</p>

0

7

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC





American Iron and Metal
10 760A HENRI BOURASSA EST
MONTREAL, QC
CA H1C 1S9
Contact: M. Couturier
mcouturier@delsan-aim.com
T: (514)703-7024
F:

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Lead and tin ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

vanadium	ppm	0	0	U	0
ADDITIVES					
Calcium	ppm	13	42		O 13
Magnesium	ppm	6	○ 35	O <1	0 1
Zinc	ppm	37	○ 58	17	O 7
Phosphorus	ppm	1221	O 1261	O 1176	O 1219
Barium	ppm	0	0	O 0	0
Boron	ppm	177	O 277	248	○ 303

0<1

02

02

0

0 <

0 4

 \bigcirc 0

10

 \bigcirc <1

0

Depot: AIMMON
Unique No: 5629260
Signed: Kevin Marson
Report Date: 17 Aug 2023

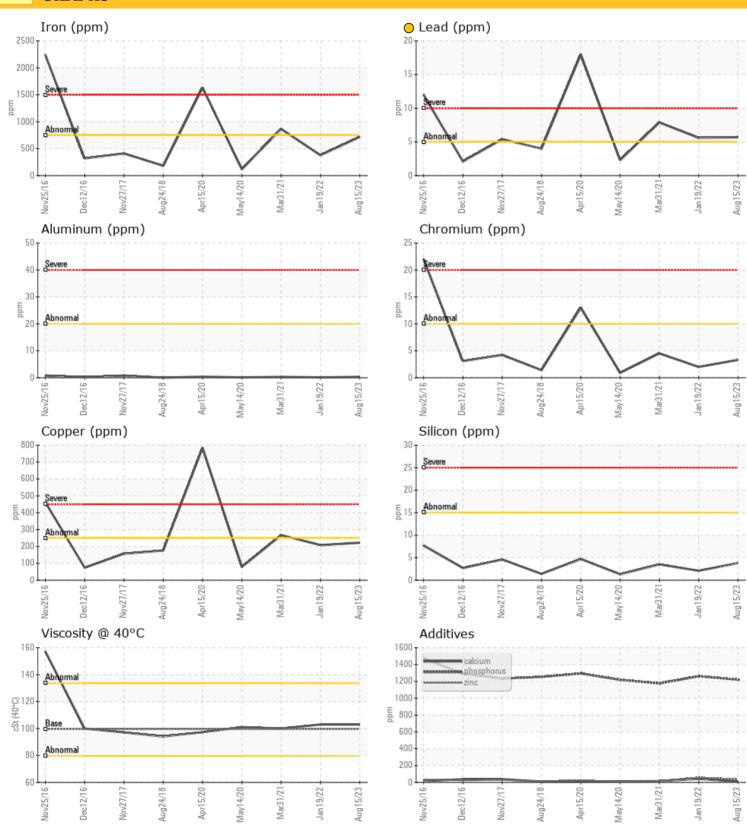
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GRAPHS



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Submitted By: Rick Cule