## CONSTRUCTION EQUIPMENT



## 096750-1204 - Swing Drive

Sample No: LH0285133

Oil Type:

Potassium

 $\bigcirc$ 

PQ

Iron

Lead

Tin

Copper

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

0

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

ppm

**WEAR METALS** 

ppm

**ADDITIVES** 

01

07

0 612

079

02

02

○ <1

04

0

01

03

0

0

0

0 12

04

0 18

0 🔘

084

0 1791

PETRO CANADA TRAXON 75W90 SYNTHETIC

SAMPLE INFORMATION					
Sample Number		LH0285133	LH0216228	LH0251712	LH0222757
Sample Date		05 Feb 2024	02 May 2023	30 Jan 2023	06 Jun 2022
Machine Hours		10945	9957	9461	8364
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	N/A
Sample Status		ABNORMAL	NORMAL	NORMAL	NORMAL
<b>OIL CONDITION</b>					
		0 138	○ 139	0 102	0 101
Water %		NEG	NEG	NEG	NEG
Silicon pp	pm	0 2	01	○ 3	2
Sodium pp	pm	01	2	○ <1	○ <1

 $\bigcirc 0$ 

228

0 45

01

02

○ <1

02

 $\bigcirc <$ 

 $\bigcirc$  <1

0 12

 $\bigcirc 7$ 

0 18

0

0 103

0 2110

0

 $\bigcirc 0$ 

0 384

0 58

01

02

 $\bigcirc$  <<sup>1</sup>

3

 $\bigcirc$  <

<

2

9

0 <1

0 17

0

0 212

0 1430

◯ 344

67

02

02

 $\bigcirc$  <1

2

0

2

0

26

0 48

0

0 199

0 1326

 $\bigcirc 1$ 



American Iron and Metal

120 Bentley Avenue Ottawa, ON CA K2E 6T9 Contact: Yvon Lalonde

T: (819)230-7247 F:

## Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. 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.

Depot:	AME120OTT
Unique No:	5734593
Signed:	Kevin Marson
Report Date:	23 Feb 2024

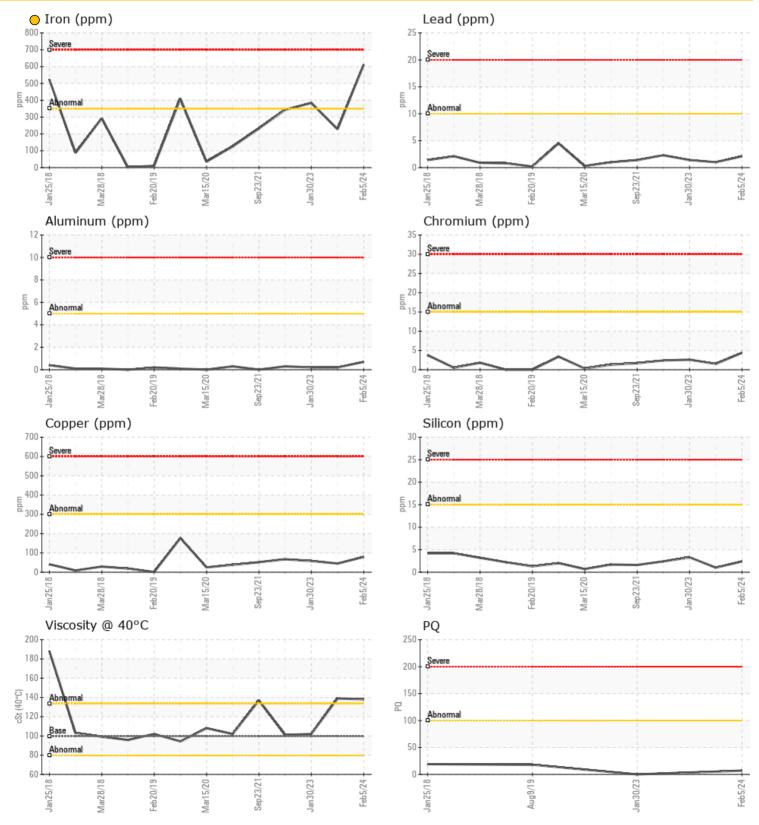
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**GRAPHS** 

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