

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 096750-1204 - Swing Drive

Sample No: LH0285133

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285133	LH0216228	LH0251712	LH0222757
Date d'échant.	05 Feb 2024	02 May 2023	30 Jan 2023	06 Jun 2022
Heures de la Machine	10945	9957	9461	8364
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

120 Bentley Avenue

Ottawa, ON

CA K2E 6T9

Contact: Yvon Lalonde



#### ÉTAT D'HUILE

Visc 40°C	cSt	138	139	102	101
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T: (819)230-7247

F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	2	1	3	2
Sodium	ppm	1	2	<1	<1
Potassium	ppm	1	0	0	1

#### Diagnostic

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.



#### MÉTAUX D'USURE

PQ		7	---	0	---
Fer	ppm	612	228	384	344
Cuivre	ppm	79	45	58	67
Plomb	ppm	2	1	1	2
Étain	ppm	2	2	2	2
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	4	2	3	2
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	3	1	2	2
Vanadium	ppm	0	<1	<1	0



#### ADDITIFS

Calcium	ppm	12	12	9	26
Magnésium	ppm	4	7	<1	1
Zinc	ppm	18	18	17	48
Phosphore	ppm	1791	2110	1430	1326
Baryum	ppm	0	0	0	0
Bore	ppm	84	103	212	199

Depot: AME120OTT

Unique No: 5734593

Signed: Kevin Marson

Report Date: 23 Feb 2024



### GRAPHS

