

LIEBHERR

CONSTRUCTION EQUIPMENT



120280-1216 - Swing Drive

Sample No: LH0276851

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0276851	LH0186037	LH0186286	LH0186202
Date d'échant.	03 Nov 2023	05 May 2022	07 Jun 2021	25 Jan 2021
Heures de la Machine	8000	5066	3041	2163
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

1273 Kelly Lake Rd.

Sudbury, ON

CA P3E 5P5

Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	57.6	92.5	108	176

T:

F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	8	0	1	1
Sodium	ppm	4	0	2	3
Potassium	ppm	1	0	<1	<1

Diagnostic

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Aluminum ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated. There is a moderate concentration of water present in the oil. Free water present. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



MÉTAUX D'USURE

Fer	ppm	28	17	46	76
Cuivre	ppm	14	6	38	24
Plomb	ppm	<1	<1	<1	1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	9	<1	<1	<1
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	44	0	<1	<1
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	<1
Manganèse	ppm	3	0	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIFS

Calcium	ppm	826	6	10	6
Magnésium	ppm	707	0	3	3
Zinc	ppm	991	6	11	10
Phosphore	ppm	1041	1613	1427	2343
Baryum	ppm	0	0	2	1
Bore	ppm	43	223	258	35

Depot: AIMSUD

Unique No: 5698133

Signed: Kevin Marson

Report Date: 22 Dec 2023



GRAPHS

