

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R924 038847-1318 - Swing Drive

Sample No: LH0288051

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Information sur l'échantillon

Número d'échant.	LH0288051	LH0242050	LH0246964	LH0221960
Date d'échant.	19 Apr 2024	21 Nov 2023	13 Jan 2023	17 Jan 2022
Heures de la Machine	11005	10101	8980	7055
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	SEVERE	SEVERE	SEVERE	SEVERE

ECOWASTE INDUSTRIES

4 SPRUCE ST
NEW WESTMINSTER, BC
CA V3L 5G6

Contact: Service Manager



État d'huile

Visc 40°C	cSt	200	119	181	73.7

T:

F:



Contamination

Eau	%	0.135	NEG	1.797	2.340
Silicium	ppm	34	69	105	5
Sodium	ppm	6	2	3	2
Potassium	ppm	3	<1	2	<1

Diagnostic

We advise that you check all areas where dirt can enter the system. 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. Chromium and iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a trace of moisture present in the oil. High concentration of dirt present in the oil. High amount of ingressed dirt has caused abrasive wear to the component. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



Métaux d'usure

PQ		8	36	---	---
Fer	ppm	1513	1857	471	613
Cuivre	ppm	134	683	119	127
Plomb	ppm	4	17	3	4
Étain	ppm	7	8	34	2
Aluminium	ppm	4	<1	<1	1
Chrome	ppm	15	18	5	6
Molybdène	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	<1	0	<1	<1
Argent	ppm	0	<1	0	<1
Manganèse	ppm	15	12	5	5
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	11	20	12	113
Magnésium	ppm	2	<1	<1	2
Zinc	ppm	40	30	66	507
Phosphore	ppm	2006	1315	1886	1208
Baryum	ppm	11	<1	6	0
Bore	ppm	27	74	12	20

Depot: ECONEW

Unique No: 5774008

Signed: Kevin Marson

Report Date: 03 May 2024



Graphs

