

LIEBHERR

CONSTRUCTION EQUIPMENT



[(366409)] LIEBHERR R945 053994-1866 - Swing Drive

Sample No: LH0237707

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
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Contact: Keith

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INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0237707	LH0237749	LH0242484	---
Date d'échant.	11 Aug 2023	06 Mar 2023	28 Nov 2022	---
Heures de la Machine	3069	2125	1583	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 40°C	cSt	112	129	203	---
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CONTAMINATION

Silicium	ppm	5	4	2	---
Sodium	ppm	1	2	4	---
Potassium	ppm	1	1	<1	---



MÉTAUX D'USURE

PQ		0	---	---	---
Fer	ppm	817	420	656	---
Cuivre	ppm	<1	<1	<1	---
Plomb	ppm	<1	0	0	---
Étain	ppm	0	0	0	---
Aluminium	ppm	1	<1	<1	---
Chrome	ppm	11	6	12	---
Molybdène	ppm	<1	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	<1	<1	<1	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	7	5	8	---
Vanadium	ppm	<1	0	0	---



ADDITIFS

Calcium	ppm	16	6	12	---
Magnésium	ppm	2	<1	<1	---
Zinc	ppm	16	11	12	---
Phosphore	ppm	1390	1432	1642	---
Baryum	ppm	1	2	6	---
Bore	ppm	129	183	3	---

Diagnostic

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. NOTE: Test values may be askew due high concentration of free water present in sample. 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 high concentration of water present in the oil. Excessive free water present. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: CAVASH
Unique No: 5629037
Signed: Kevin Marson
Report Date: 16 Aug 2023



GRAPHS

