

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(366409)] LIEBHERR R945 053994-1866 - Left Final Drive

Sample No: LH0285026

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285026	LH0237710	LH0237759	LH0239306
Date d'échant.	08 Feb 2024	11 Aug 2023	06 Mar 2023	28 Nov 2022
Heures de la Machine	4053	3069	2125	1583
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Not Changd
Statut de l'échant.	NORMAL	ABNORMAL	ABNORMAL	NORMAL

THOMAS CAVANAGH CONSTRUCTION LTD  
RR # 2, 9094 CAVANAGH ROAD  
ASHTON, ON  
CA K0A 1B0  
Contact: Keith



#### ÉTAT D'HUILE

Visc 40°C	cSt	155	118	193	102
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T: (613)257-4995  
F: (613)253-0071



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	227	674	984	43
Sodium	ppm	16	47	68	37
Potassium	ppm	21	60	80	7

#### Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. 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 condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

PQ		---	62	592	---
Fer	ppm	277	1293	1067	84
Cuivre	ppm	<1	<1	1	<1
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	55	180	239	10
Chrome	ppm	4	14	14	<1
Molybdène	ppm	0	<1	1	<1
Nickel	ppm	2	4	7	<1
Titane	ppm	2	9	14	<1
Argent	ppm	0	0	2	0
Manganèse	ppm	2	12	12	<1
Vanadium	ppm	0	<1	<1	0



#### ADDITIFS

Calcium	ppm	204	293	365	36
Magnésium	ppm	19	49	60	7
Zinc	ppm	8	30	30	22
Phosphore	ppm	2049	1275	1146	1283
Baryum	ppm	<1	6	10	347
Bore	ppm	41	184	4	221

Depot: CAVASH  
Unique No: 5734587  
Signed: Kevin Marson  
Report Date: 22 Feb 2024



### GRAPHS

