

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0285028

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285028	LH0237711	LH0237760	LH0239305
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	NORMAL	NORMAL	NORMAL

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



ÉTAT D'HUILE

Visc 40°C	cSt	161	106	192	92.1
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T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	151	149	368	52
Sodium	ppm	12	10	29	6
Potassium	ppm	16	15	32	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		---	---	249	---
Fer	ppm	346	249	566	80
Cuivre	ppm	<1	<1	<1	0
Plomb	ppm	0	<1	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	40	42	90	14
Chrome	ppm	4	3	9	4
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	2	2	5	<1
Titane	ppm	<1	2	6	1
Argent	ppm	0	0	<1	0
Manganèse	ppm	3	2	7	2
Vanadium	ppm	0	<1	<1	0



ADDITIFS

Calcium	ppm	105	98	111	55
Magnésium	ppm	13	13	24	8
Zinc	ppm	13	20	31	21
Phosphore	ppm	2099	1149	1163	1338
Baryum	ppm	<1	2	10	10
Bore	ppm	23	143	2	291

Depot: CAVASH
Unique No: 5734592
Signed: Kevin Marson
Report Date: 22 Feb 2024



GRAPHS

