

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 059953-1334 - Transmission (Manual)

Sample No: LH0270299

Oil Type: PETRO CANADA 30W



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0270299	LH0284944	LH0242570	LH0203044
Date d'échant.	04 Mar 2024	01 Feb 2024	01 Oct 2022	27 Sep 2021
Heures de la Machine	7962	4939	3002	1012
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Changed	Changed
Statut de l'échant.	ABNORMAL	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	62.1	38.7	36.2	41.4

T: (613)257-4995
F: (613)253-0071



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	5	10	8	7
Sodium	ppm	1	3	5	18
Potassium	ppm	1	2	<1	4

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as PETRO CANADA 30W, however, a fluid match indicates that this fluid is SAE 20 Transmission/Drive Train Oil. Please confirm the fluid type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. 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 condition of the fluid is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	32	28	16	19
Cuivre	ppm	<1	1	1	2
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	2	2	2	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	1	0	0	0
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	<1	0
Argent	ppm	<1	0	<1	<1
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	3239	3627	3541	3427
Magnésium	ppm	20	13	11	9
Zinc	ppm	1294	1395	1358	1390
Phosphore	ppm	1099	1154	1215	1185
Baryum	ppm	0	0	0	<1
Bore	ppm	58	91	102	100

Depot: CAVASH
Unique No: 5737723
Signed: Kevin Marson
Report Date: 07 Mar 2024



GRAPHS

