



LIEBHERR LH50M 084832-1203 - Transmission

Sample No: LH0281235

Oil Type: PETRO CANADA SUPREME 5W30



Eacom Timber Corporation
 100 Old Nairn Centre Road
 Nairn Centre, ON
 CA P0M 2L0
 Contact: Service Manager

T:
F:



Information sur l'échantillon

Número d'échant.	LH0281235	LH0213901	LH0202497	LH0155352
Date d'échant.	23 Apr 2024	09 Jun 2022	20 Sep 2021	29 Nov 2019
Heures de la Machine	19219	16044	15020	12058
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL



État d'huile

Visc 40°C	cSt	44.1	49.7	53.2	60.2



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	5	8	8	4
Sodium	ppm	3	2	3	1
Potassium	ppm	<1	0	<1	<1



Métaux d'usure

Fer	ppm	115	109	102	86
Cuivre	ppm	32	24	29	24
Plomb	ppm	0	<1	1	<1
Étain	ppm	<1	1	1	<1
Aluminium	ppm	2	2	2	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	41	42	42	64
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	3	5	5	5
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	791	1212	1600	1098
Magnésium	ppm	698	637	548	1038
Zinc	ppm	1077	1026	923	1259
Phosphore	ppm	950	969	876	1145
Baryum	ppm	0	0	<1	<1
Bore	ppm	28	26	59	2

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

Depot: EACNAI
 Unique No: 5776192
 Signed: Kevin Marson
 Report Date: 13 May 2024

Submitted By: Stephane Plourde



Graphs

