

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 097459-1216 - Splitter Box

Sample No: LH0277086

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277086	LH0260017	LH0250288	LH0234619
Date d'échant.	18 Mar 2024	21 Aug 2023	31 May 2023	14 Mar 2023
Heures de la Machine	29682	27281	26834	25721
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	SEVERE	NORMAL	NORMAL	NORMAL

J.D. Irving

Truro Sawmill, 529 Valley Dale Road
Truro, NS
CA B2N 5C5
Contact: Sheldon Richardson
richardson.sheldon@jdirving.com
T: (902)890-9419
F:



ÉTAT D'HUILE

Visc 40°C	cSt	81.8	82.8	82.0	82.8



CONTAMINATION

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



MÉTAUX D'USURE

PQ		10	---	---	---
Fer	ppm	1674	18	11	8
Cuivre	ppm	551	<1	<1	<1
Plomb	ppm	14	0	0	0
Étain	ppm	9	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	13	<1	0	0
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	3	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	15	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	59	23	25	27
Magnésium	ppm	1	5	4	4
Zinc	ppm	84	113	128	109
Phosphore	ppm	1144	1224	1236	1221
Baryum	ppm	1	0	0	0
Bore	ppm	81	274	261	266

Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Chromium and copper and iron ppm levels are severe. Tin and antimony ppm levels are abnormal. Lead ppm levels are noted. Nickel ppm levels are marginal. Bearing and/or bushing wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: JDITRU
Unique No: 5748243
Signed: Kevin Marson
Report Date: 19 Mar 2024



GRAPHS

