

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 094197-1216 - Swing Drive

Sample No: LH0284139

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0284139	LH0251212	LH0225544	LH0226954
Date d'échant.	18 Mar 2024	13 Mar 2023	09 Jun 2022	13 Apr 2022
Heures de la Machine	25297	22266	19989	19344
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	MARGINAL	NORMAL	NORMAL

INDUSTRIES GDS INC.

207 ROUTE 295

VILLE-DEGELIS, QC

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#### ÉTAT D'HUILE

Visc 40°C	cSt	177	166	159	184
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#### CONTAMINATION

Eau	%	NEG	0.197	NEG	NEG
Silicium	ppm	2	2	<1	1
Sodium	ppm	5	2	3	2
Potassium	ppm	<1	<1	1	<1



#### MÉTAUX D'USURE

Fer	ppm	316	304	165	314
Cuivre	ppm	144	196	70	73
Plomb	ppm	3	5	2	2
Étain	ppm	2	7	2	3
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	1	2	<1	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	4	2	1	2
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	19	26	17	12
Magnésium	ppm	<1	<1	<1	1
Zinc	ppm	25	106	69	71
Phosphore	ppm	2231	2115	2382	2461
Baryum	ppm	10	0	0	0
Bore	ppm	1	4	3	5

#### 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. The condition of the oil is acceptable for the time in service.

Depot: INDVIL

Unique No: 5748941

Signed: Wes Davis

Report Date: 21 Mar 2024



### GRAPHS

