

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Transmission (Manual)

Sample No: LH0241899

Oil Type: SAE 5W40



HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

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INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0241899	LH0241875	LH0241863	LH0241863
Date d'échant.	01 Mar 2024	31 Oct 2023	07 Jun 2023	18 Apr 2023
Heures de la Machine	3900	2739	1668	1142
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	SEVERE	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	55.3	62.9	51.4	38.7



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	3	3	7	4
Sodium	ppm	4	5	14	23
Potassium	ppm	5	5	5	3



MÉTAUX D'USURE

Fer	ppm	13	15	23	29
Cuivre	ppm	6	9	17	30
Plomb	ppm	0	<1	<1	1
Étain	ppm	0	<1	<1	1
Aluminium	ppm	1	1	3	2
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	3	4	18	34
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	15	0	<1	0
Manganèse	ppm	2	4	13	22
Vanadium	ppm	0	0	0	<1



ADDITIFS

Calcium	ppm	2069	2093	2324	2706
Magnésium	ppm	42	15	13	8
Zinc	ppm	1070	1043	1024	951
Phosphore	ppm	959	977	990	982
Baryum	ppm	<1	0	<1	<1
Bore	ppm	167	154	136	107

Diagnostic

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Silver ppm levels are severe. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: HUBBOI

Unique No: 5750449

Signed: Kevin Marson

Report Date: 01 Apr 2024



GRAPHS

