

LIEBHERR

CONSTRUCTION EQUIPMENT



[(341435)] LIEBHERR LH50M 128733-1216 - Transmission (Ma

Sample No: LH0289410

Oil Type: SAE 10W40



Information sur l'échantillon

Número d'échant.	LH0289410	LH0286547	LH0277781	LH0256944
Date d'échant.	17 Jun 2024	19 Mar 2024	20 Nov 2023	11 Jun 2023
Heures de la Machine	10161	9241	8180	14253
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

COMBINED METAL INDUSTRIES
454 DOBBIE DRIVE
CAMBRIDGE, ON
CA N1T 1S7
Contact: Service Manager



État d'huile

Visc 40°C	cSt	58.0	101	59.1	61.2
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T:
F:



Contamination

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

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. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the fluid is acceptable for the time in service.



Métaux d'usure

Fer	ppm	14	<1	13	10
Cuivre	ppm	9	<1	9	7
Plomb	ppm	0	0	<1	0
Étain	ppm	<1	0	<1	<1
Aluminium	ppm	1	0	2	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	63	54	62	59
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	<1	0
Manganèse	ppm	2	0	2	3
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1177	1015	1136	1221
Magnésium	ppm	1001	926	1013	970
Zinc	ppm	1253	1108	1231	1233
Phosphore	ppm	1120	954	1104	1199
Baryum	ppm	<1	0	<1	0
Bore	ppm	7	4	4	6

Depot: COM454CAM
Unique No: 5800208
Signed: Kevin Marson
Report Date: 19 Jun 2024



Graphs

