

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 112208-1215 - Transmission (Manual)

Sample No: LH0278766

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0278766	LH0256578	LH0193033	LH0193186
Date d'échant.	22 Feb 2024	22 Mar 2023	13 Jul 2021	16 Mar 2021
Heures de la Machine	12935	11044	6336	5387
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

**KIMCO STEEL SALES LTD.**  
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#### ÉTAT D'HUILE

Visc 40°C	cSt	55.8	58.3	61.3	59.5



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	3	4	4	5
Sodium	ppm	3	4	5	9
Potassium	ppm	<1	0	1	1



#### MÉTAUX D'USURE

Fer	ppm	17	35	16	33
Cuivre	ppm	14	39	24	41
Plomb	ppm	<1	1	<1	1
Étain	ppm	<1	2	1	2
Aluminium	ppm	2	2	1	2
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	59	60	53	48
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	<1	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	3	8	5	10
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1051	1217	1179	1402
Magnésium	ppm	1000	953	881	801
Zinc	ppm	1193	1226	1194	1234
Phosphore	ppm	1111	1204	1116	1107
Baryum	ppm	0	0	<1	<1
Bore	ppm	16	6	5	3

#### 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.

Depot: KIMKIN  
 Unique No: 5736428  
 Signed: Kevin Marson  
 Report Date: 01 Mar 2024



### GRAPHS

