

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 116354-1215 - Diesel Engine

Sample No: LH0289656

Oil Type: PETRO CANADA SUPREME 5W30



#### Information sur l'échantillon

Numéro d'échant.	LH0289656	LH0261417	LH0277625	LH0150655
Date d'échant.	05 Jun 2024	22 Mar 2024	25 Jan 2024	23 Nov 2021
Heures de la Machine	11257	10603	10001	5042
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**KIMCO STEEL SALES LTD.**  
 1325 JOHN COUNTER BLVD  
 KINGSTON, ON  
 CA K7L 4W1  
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#### État d'huile

Visc 100°C	cSt	11.7	11.5	13.2	13.0
Oxydation (PA)	%	90	80	66	63



#### Contamination

Eau	%	NEG	0.025	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	83	83	74	70
Sulfatation (PA)	%	61	57	53	54
Glycol	%	NEG	0.0	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	4	6	6
Sodium	ppm	4	3	1	1
Potassium	ppm	<1	<1	<1	<1

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### Métaux d'usure

Fer	ppm	4	3	3	3
Cuivre	ppm	1	<1	1	3
Plomb	ppm	0	0	<1	1
Étain	ppm	0	0	0	<1
Aluminium	ppm	<1	1	1	1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	56	55	59	60
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	816	837	1067	1063
Magnésium	ppm	1126	1113	971	1028
Zinc	ppm	1185	1209	1183	1218
Phosphore	ppm	976	993	1029	1074
Baryum	ppm	0	0	0	0
Bore	ppm	18	30	<1	1

Depot: KIMKIN  
 Unique No: 5789574  
 Signed: Wes Davis  
 Report Date: 07 Jun 2024



### Graphs

