

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 057998-1334 - Diesel Engine

Sample No: LH0274665

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274665	LH0234855	LH0256523	LH0247347
Date d'échant.	19 Sep 2023	05 Jul 2023	23 Mar 2023	15 Dec 2022
Heures de la Machine	7088	6582	6035	5594
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	NORMAL

THOMAS CAVANAGH CONSTRUCTION LTD  
RR # 2, 9094 CAVANAGH ROAD  
ASHTON, ON  
CA K0A 1B0  
Contact: Keith



#### ÉTAT D'HUILE

Visc 100°C	cSt	13.5	12.8	11.3	12.3
Oxydation (PA)	%	58	61	71	65

T: (613)257-4995  
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#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	59	67	79	66
Sulfatation (PA)	%	50	52	60	55
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	2.1	<1.0
Silicium	ppm	5	6	7	5
Sodium	ppm	1	2	4	2
Potassium	ppm	0	1	1	2

#### 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	3	4	3	3
Cuivre	ppm	1	2	<1	<1
Plomb	ppm	<1	<1	0	<1
Étain	ppm	0	<1	<1	0
Aluminium	ppm	1	1	2	2
Chrome	ppm	<1	<1	0	0
Molybdène	ppm	55	58	58	49
Nickel	ppm	0	0	<1	<1
Titane	ppm	<1	<1	2	8
Argent	ppm	<1	<1	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1026	1110	935	1250
Magnésium	ppm	934	992	1083	827
Zinc	ppm	1146	1235	1213	1147
Phosphore	ppm	994	1109	1115	1033
Baryum	ppm	0	0	0	0
Bore	ppm	<1	6	40	16

Depot: CAVASH  
Unique No: 5645708  
Signed: Wes Davis  
Report Date: 22 Sep 2023



### GRAPHS

