

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 057998-1334 - Diesel Engine

Sample No: LH0234855

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0234855	LH0256523	LH0247347	---
Date d'échant.	05 Jul 2023	23 Mar 2023	15 Dec 2022	---
Heures de la Machine	6582	6035	5594	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	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	12.8	11.3	12.3	---
Oxydation (PA)	%	61	71	65	---

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

% de suie	%	0	0	0	---
Nitration (PA)	%	67	79	66	---
Sulfatation (PA)	%	52	60	55	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	2.1	<1.0	---
Silicium	ppm	6	7	5	---
Sodium	ppm	2	4	2	---
Potassium	ppm	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	4	3	3	---
Cuivre	ppm	2	<1	<1	---
Plomb	ppm	<1	0	<1	---
Étain	ppm	<1	<1	0	---
Aluminium	ppm	1	2	2	---
Chrome	ppm	<1	0	0	---
Molybdène	ppm	58	58	49	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	<1	2	8	---
Argent	ppm	<1	0	0	---
Manganèse	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	1110	935	1250	---
Magnésium	ppm	992	1083	827	---
Zinc	ppm	1235	1213	1147	---
Phosphore	ppm	1109	1115	1033	---
Baryum	ppm	0	0	0	---
Bore	ppm	6	40	16	---

Depot: CAVASH  
Unique No: 5605453  
Signed: Wes Davis  
Report Date: 07 Jul 2023



### GRAPHS

