

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 053602-1484 - Diesel Engine

Sample No: LH0270379

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		LH0270379	LH0247094	LH0239517	---
Date d'échant.		14 Jul 2023	30 Nov 2022	05 Aug 2022	---
Heures de la Machine		6154	5112	4034	---
Heures de l'huile		0	0	0	---
Huile changée		Changed	Changed	Changed	---
Statut de l'échant.		NORMAL	NORMAL	NORMAL	---

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



#### ÉTAT D'HUILE

Visc 100°C	cSt	13.8	13.7	10.8	---
Oxydation (PA)	%	56	61	84	---

T: (613)257-4995  
F: (613)253-0071



#### CONTAMINATION

% de suie	%	0	0	0	---
Nitration (PA)	%	53	54	58	---
Sulfatation (PA)	%	52	55	65	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	1.2	---
Silicium	ppm	14	4	7	---
Sodium	ppm	2	2	3	---
Potassium	ppm	1	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 oil. The condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

Fer	ppm	4	3	4	---
Cuivre	ppm	<1	<1	<1	---
Plomb	ppm	<1	<1	<1	---
Étain	ppm	0	<1	<1	---
Aluminium	ppm	2	1	<1	---
Chrome	ppm	<1	0	0	---
Molybdène	ppm	53	56	40	---
Nickel	ppm	0	<1	0	---
Titane	ppm	7	0	<1	---
Argent	ppm	<1	0	0	---
Manganèse	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	1069	1118	1713	---
Magnésium	ppm	927	939	507	---
Zinc	ppm	1180	1183	1070	---
Phosphore	ppm	1052	1043	994	---
Baryum	ppm	<1	<1	0	---
Bore	ppm	7	<1	37	---

Depot: CAVASH  
Unique No: 5618675  
Signed: Wes Davis  
Report Date: 02 Aug 2023



### GRAPHS

