

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 053602-1484 - Diesel Engine

Sample No: LH0274748

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		LH0274748	LH0270379	LH0247094	LH0239517
Date d'échant.		29 Aug 2023	14 Jul 2023	30 Nov 2022	05 Aug 2022
Heures de la Machine		6756	6154	5112	4034
Heures de l'huile		0	0	0	0
Huile changée		Changed	Changed	Changed	Changed
Statut de l'échant.		NORMAL	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	13.6	13.8	13.7	10.8
Oxydation (PA)	%	52	56	61	84

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



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	51	53	54	58
Sulfatation (PA)	%	52	52	55	65
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	1.2
Silicium	ppm	5	14	4	7
Sodium	ppm	2	2	2	3
Potassium	ppm	<1	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	4	3	4
Cuivre	ppm	<1	<1	<1	<1
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	<1	2	1	<1
Chrome	ppm	<1	<1	0	0
Molybdène	ppm	56	53	56	40
Nickel	ppm	0	0	<1	0
Titane	ppm	<1	7	0	<1
Argent	ppm	<1	<1	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1046	1069	1118	1713
Magnésium	ppm	965	927	939	507
Zinc	ppm	1170	1180	1183	1070
Phosphore	ppm	1022	1052	1043	994
Baryum	ppm	0	<1	<1	0
Bore	ppm	1	7	<1	37

Depot: CAVASH  
Unique No: 5633690  
Signed: Kevin Marson  
Report Date: 06 Sep 2023



### GRAPHS

