

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 040987-1170 - Diesel Engine

Sample No: LH0276192

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0276192	LH0252142	LH0234745	LH0202865
Date d'échant.	20 Mar 2024	16 Jan 2024	11 Jul 2023	02 Mar 2023
Heures de la Machine	10426	10169	9082	8565
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	15.0	15.0	14.0	12.8
Oxydation (PA)	%	55	59	58	62

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

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0.7	1.3	1.4	1.9
Nitration (PA)	%	53	68	68	77
Sulfatation (PA)	%	52	58	59	68
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	5	5	5
Sodium	ppm	2	2	2	3
Potassium	ppm	<1	<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	9	14	17	22
Cuivre	ppm	1	2	9	10
Plomb	ppm	0	<1	2	2
Étain	ppm	0	<1	<1	1
Aluminium	ppm	1	2	2	2
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	59	59	59	57
Nickel	ppm	0	0	0	<1
Titane	ppm	0	0	<1	3
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1038	1074	1065	1186
Magnésium	ppm	958	966	990	936
Zinc	ppm	1159	1188	1226	1223
Phosphore	ppm	979	1013	1074	1095
Baryum	ppm	0	0	0	0
Bore	ppm	1	<1	2	5

Depot: CAVASH  
Unique No: 5750264  
Signed: Wes Davis  
Report Date: 28 Mar 2024



### GRAPHS

