

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340261)] LIEBHERR LH80M 127769-1218 - Diesel Engine

Sample No: LH0278827

Oil Type: PETRO CANADA DURON UHP E6 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278827	LH0202925	LH	LH0247105
Date d'échant.	14 Nov 2023	05 Sep 2023	13 Mar 2023	04 Jan 2023
Heures de la Machine	12136	11630	9456	8642
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

#### GERDAU AMERISTEEL

1 GERDAU COURT  
WHITBY, ON  
CA L1N 5T1  
Contact: Tyson Young  
tyoung@gerdauameristeel.com  
T: (905)668-8811  
F: (905)668-6469



#### ÉTAT D'HUILE

Visc 100°C	cSt	13.5	13.5	12.8	12.9
Oxydation (PA)	%	70	69	84	81



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	80	79	88	88
Sulfatation (PA)	%	54	57	63	58
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	3	5	5	7
Sodium	ppm	<1	2	2	2
Potassium	ppm	1	3	1	<1



#### MÉTAUX D'USURE

Fer	ppm	6	4	6	5
Cuivre	ppm	2	1	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	<1	0	<1	<1
Aluminium	ppm	3	2	1	2
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	60	59	61	60
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1080	1074	1183	1103
Magnésium	ppm	981	985	989	996
Zinc	ppm	1211	1216	1247	1237
Phosphore	ppm	998	1069	1139	1098
Baryum	ppm	<1	0	0	0
Bore	ppm	4	3	5	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.

Depot: LAKWHI  
Unique No: 5681568  
Signed: Wes Davis  
Report Date: 15 Nov 2023



### GRAPHS

