

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(362878)] LIEBHERR LH80M 135287-1218 - Diesel Engine

Sample No: LH0274374

Oil Type: PETRO CANADA DURON UHP E6 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274374	LH0265826	LH0261329	LH
Date d'échant.	05 Sep 2023	21 Jul 2023	18 Apr 2023	13 Mar 2023
Heures de la Machine	3998	7724	6397	5848
Heures de l'huile	0	0	0	0
Huile changée	Changed	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	13.3	14.4	13.3	13.0
Oxydation (PA)	%	72	54	74	88



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	83	62	78	86
Sulfatation (PA)	%	58	53	54	64
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	7	5	6
Sodium	ppm	2	2	1	2
Potassium	ppm	4	3	<1	<1



#### MÉTAUX D'USURE

Fer	ppm	6	3	4	6
Cuivre	ppm	<1	<1	2	3
Plomb	ppm	<1	0	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	2	1	1	1
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	52	13	60	59
Nickel	ppm	0	0	<1	0
Titane	ppm	<1	<1	0	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1145	1389	1109	1210
Magnésium	ppm	956	733	916	972
Zinc	ppm	1168	856	1197	1254
Phosphore	ppm	1020	811	1081	1130
Baryum	ppm	0	0	0	0
Bore	ppm	7	83	2	4

#### 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: 5633685

Signed: Kevin Marson

Report Date: 06 Sep 2023



### GRAPHS

