

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M T18833-1218 - Diesel Engine

Sample No: LH0247295

Oil Type: PETRO CANADA DURON UHP E6 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247295	LH0261331	LH0257043	LH0251894
Date d'échant.	21 Jun 2023	14 Apr 2023	07 Mar 2023	17 Jan 2023
Heures de la Machine	14707	13996	13464	12805
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

#### GERDAU AMERISTEEL

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#### ÉTAT D'HUILE

Visc 100°C	cSt	13.5	13.8	13.5	13.6
Oxydation (PA)	%	71	68	77	71



#### CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	78	73	81	78
Sulfatation (PA)	%	54	53	61	57
Glycol	%	NEG	NEG	NEG	0.0
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	4	5	6
Sodium	ppm	2	1	1	2
Potassium	ppm	<1	0	<1	<1



#### MÉTAUX D'USURE

Fer	ppm	4	3	4	4
Cuivre	ppm	2	<1	1	1
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	1	1	1
Chrome	ppm	<1	0	<1	0
Molybdène	ppm	58	59	60	58
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1067	1127	1162	1142
Magnésium	ppm	1017	963	986	956
Zinc	ppm	1244	1201	1231	1184
Phosphore	ppm	1076	1081	1119	1065
Baryum	ppm	0	0	0	0
Bore	ppm	3	3	4	5

#### 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: 5606683  
Signed: Wes Davis  
Report Date: 13 Jul 2023



### GRAPHS

