

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 040916-1287 - Diesel Engine

Sample No: LH0104280

Oil Type: PETRO CANADA 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0104280	LH0104287	LH0256716	LH0162339
Date d'échant.	23 Feb 2024	29 Sep 2023	20 Mar 2023	13 Dec 2022
Heures de la Machine	11750	11118	10626	10041
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

RIDEAU BULK TERMINALS INC.

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#### ÉTAT D'HUILE

Visc 100°C	cSt	14.1	14.1	13.9	14.2
Oxydation (PA)	%	60	57	51	59



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0.3	0.2	0.2	0.2
Nitration (PA)	%	63	58	56	61
Sulfatation (PA)	%	53	52	57	56
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	6	5	5
Sodium	ppm	3	4	3	3
Potassium	ppm	<1	0	<1	<1

#### 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	7	6	8	6
Cuivre	ppm	1	2	1	2
Plomb	ppm	1	<1	1	1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	4	4	4	4
Chrome	ppm	<1	0	<1	0
Molybdène	ppm	60	62	60	58
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	1	<1
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1094	1090	1120	1138
Magnésium	ppm	983	996	982	972
Zinc	ppm	1219	1235	1217	1206
Phosphore	ppm	1034	1053	1105	1089
Baryum	ppm	0	<1	0	0
Bore	ppm	<1	2	2	<1

Depot: RIDOTT

Unique No: 5735360

Signed: Wes Davis

Report Date: 27 Feb 2024



### GRAPHS

