

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(365443)] LIEBHERR R966 054115-1783 - Diesel Engine

Sample No: LH0277606

Oil Type: DIESEL ENGINE OIL SAE 10W30



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277606	---	---	---
Date d'échant.	29 Nov 2023	---	---	---
Heures de la Machine	0	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Not Changed	---	---	---
Statut de l'échant.	NORMAL	---	---	---



#### ÉTAT D'HUILE

Visc 100°C	cSt	● 11.3	---	---	---
Oxydation (PA)	%	54	---	---	---



#### CONTAMINATION

Eau	%	NEG	---	---	---
% de suie	%	● 0	---	---	---
Nitration (PA)	%	39	---	---	---
Sulfatation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Essence	%	● 0.6	---	---	---
Silicium	ppm	● 4	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● <1	---	---	---



#### MÉTAUX D'USURE

Fer	ppm	● 3	---	---	---
Cuivre	ppm	● 22	---	---	---
Plomb	ppm	● 1	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● 1	---	---	---
Chrome	ppm	● 0	---	---	---
Molybdène	ppm	● 58	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	● 0	---	---	---
Argent	ppm	● <1	---	---	---
Manganèse	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIFS

Calcium	ppm	● 1044	---	---	---
Magnésium	ppm	● 971	---	---	---
Zinc	ppm	● 1177	---	---	---
Phosphore	ppm	● 1008	---	---	---
Baryum	ppm	● <1	---	---	---
Bore	ppm	● 1	---	---	---



#### CON-DRAIN LTD.

30 FLORAL PARKWAY  
CONCORD, ON  
CA L4K 4R1

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T:

F:

#### Diagnostic

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: CON30CON

Unique No: 5685130

Signed: Kevin Marson

Report Date: 04 Dec 2023



### GRAPHS

