

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(371127)] 137 622-1216 - Diesel Engine

Sample No: LH0288384

Oil Type: PETRO CANADA SUPREME 5W30



#### Information sur l'échantillon

Numéro d'échant.	LH0288384	LH0281297	LH0265676	LH0250753
Date d'échant.	07 Jun 2024	07 Mar 2024	03 Aug 2023	09 Mar 2023
Heures de la Machine	4549	4054	2910	2000
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**American Iron and Metal**  
100 INDUSTRIAL ROAD  
NORTH BAY, ON  
CA P1B 8K3  
Contact: Service Manager



#### État d'huile

Visc 100°C	cSt	11.6	11.9	11.6	11.8
Oxydation (PA)	%	80	88	92	83

T:  
F:



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	83	87	91	84
Sulfatation (PA)	%	56	60	63	63
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	8	6	7
Sodium	ppm	4	4	5	4
Potassium	ppm	<1	<1	<1	0

#### 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	3	4	6	4
Cuivre	ppm	1	2	4	5
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	2	1	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	57	57	62	60
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	848	833	820	877
Magnésium	ppm	1127	1093	1134	1117
Zinc	ppm	1235	1182	1215	1250
Phosphore	ppm	1000	1030	1061	1119
Baryum	ppm	<1	0	<1	<1
Bore	ppm	34	32	21	39

Depot: AIMNOR  
Unique No: 5802082  
Signed: Wes Davis  
Report Date: 28 Jun 2024



### Graphs

