

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 096750-1204 - Diesel Engine

Sample No: LH0291290

Oil Type: PETRO CANADA 10W40



#### Information sur l'échantillon

Numéro d'échant.	LH0291290	LH0285142	LH0274880	LH0216229
Date d'échant.	07 Jun 2024	05 Feb 2024	31 Oct 2023	02 May 2023
Heures de la Machine	11518	10945	10469	9977
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

American Iron and Metal

120 Bentley Avenue

Ottawa, ON

CA K2E 6T9

Contact: Yvon Lalonde



#### État d'huile

Visc 100°C	cSt	12.5	14.7	14.6	14.5
Oxydation (PA)	%	77	65	66	62

T: (819)230-7247

F:



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	1.5	1.2	1.3	1.1
Nitration (PA)	%	98	86	87	82
Sulfatation (PA)	%	64	57	60	58
Glycol	%	NEG	NEG	0.0	0.0
Essence	%	0.3	<1.0	<1.0	<1.0
Silicium	ppm	5	6	6	8
Sodium	ppm	10	16	37	129
Potassium	ppm	4	9	21	76

#### 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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



#### Métaux d'usure

Fer	ppm	27	27	30	27
Cuivre	ppm	3	2	2	2
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	7	11	9	11
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	57	62	68	69
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	2
Argent	ppm	0	0	<1	0
Manganèse	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	845	1108	1159	1135
Magnésium	ppm	1073	985	1060	978
Zinc	ppm	1168	1217	1340	1234
Phosphore	ppm	950	1035	1101	1112
Baryum	ppm	0	0	<1	0
Bore	ppm	13	<1	1	2

Depot: AME120OTT

Unique No: 5798880

Signed: Kevin Marson

Report Date: 14 Jun 2024



### Graphs

