

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(347307)] LIEBHERR R934 052025-1550 - Diesel Engine

Sample No: LH0291203

Oil Type: PETRO CANADA 10W40



#### Information sur l'échantillon

Numéro d'échant.	LH0291203	LH0277610	LH0270383	LH0239225
Date d'échant.	10 Jun 2024	21 Jan 2024	27 Jul 2023	15 Nov 2022
Heures de la Machine	3964	3500	2842	1904
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**MOFFATT SCRAP IRON & METAL INC.**  
 9620 GUELPH LINE  
 CAMPBELLVILLE, ON  
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#### État d'huile

Visc 100°C	cSt	12.4	13.2	13.2	13.1
Oxydation (PA)	%	80	73	71	73



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	85	77	78	75
Sulfatation (PA)	%	58	55	57	57
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	0.7	<1.0	<1.0	<1.0
Silicium	ppm	5	6	7	8
Sodium	ppm	3	1	2	2
Potassium	ppm	<1	2	<1	1

#### 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	4	4	5	4
Cuivre	ppm	2	2	3	4
Plomb	ppm	0	2	1	1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	1	1	2
Chrome	ppm	<1	<1	<1	0
Molybdène	ppm	59	53	60	58
Nickel	ppm	0	<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	993	1253	1104	1127
Magnésium	ppm	1052	872	1018	975
Zinc	ppm	1214	1201	1253	1218
Phosphore	ppm	997	1012	1093	1064
Baryum	ppm	<1	0	<1	<1
Bore	ppm	17	14	4	3

Depot: MOFMOF  
 Unique No: 5798539  
 Signed: Kevin Marson  
 Report Date: 14 Jun 2024



### Graphs

