

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358696)] LIEBHERR R924LC 050422-1487 - Diesel Engine

Sample No: LH0296454

Oil Type: PETRO CANADA 10W40



Information sur l'échantillon

Numéro d'échant.	LH0296454	LH0278867	LH0279023	LH0247510
Date d'échant.	11 Jul 2024	10 Jan 2024	02 Nov 2023	14 Aug 2023
Heures de la Machine	5897	4848	4516	4043
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

SL EXCAVATION INC.
4626 COUNTY ROAD 29
ALMONTE, ON
CA K0A 1A0
Contact: Service Manager



État d'huile

Visc 100°C	cSt	11.7	11.8	13.7	13.8
Oxydation (PA)	%	80	72	62	59

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	0.047
% de suie	%	0	0	0	0
Nitration (PA)	%	83	69	58	58
Sulfatation (PA)	%	58	56	54	55
Glycol	%	NEG	NEG	NEG	0.0
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	26	11	29	7
Sodium	ppm	5	4	3	2
Potassium	ppm	<1	<1	0	<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	18	13	13	17
Cuivre	ppm	4	<1	1	1
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	2	1	1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	60	60	60	59
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	842	867	1055	1050
Magnésium	ppm	1125	1125	979	1007
Zinc	ppm	1241	1221	1204	1214
Phosphore	ppm	1171	1038	1001	1055
Baryum	ppm	0	0	<1	0
Bore	ppm	27	35	1	<1

Depot: SLEALM
Unique No: 5813611
Signed: Kevin Marson
Report Date: 16 Jul 2024



Graphs

