

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0247510

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247510	LH0247512	LH0247162	LH0227492
Date d'échant.	14 Aug 2023	28 Apr 2023	06 Jan 2023	14 Oct 2022
Heures de la Machine	4043	3475	2975	2537
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	13.8	13.7	14.1	13.6
Oxydation (PA)	%	59	59	62	64

T:
F:



CONTAMINATION

Eau	%	0.047	---	---	---
% de suie	%	0	0	0	0
Nitration (PA)	%	58	53	54	62
Sulfatation (PA)	%	55	53	57	57
Glycol	%	0.0	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	7	9	16	38
Sodium	ppm	2	2	2	2
Potassium	ppm	<1	1	0	<1

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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	17	14	13	17
Cuivre	ppm	1	1	<1	2
Plomb	ppm	<1	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	1	1	2
Chrome	ppm	<1	<1	0	<1
Molybdène	ppm	59	61	60	59
Nickel	ppm	0	0	<1	0
Titane	ppm	0	<1	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1050	1131	1122	1099
Magnésium	ppm	1007	1006	995	984
Zinc	ppm	1214	1216	1195	1175
Phosphore	ppm	1055	1078	1070	1051
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	2

Depot: SLEALM
Unique No: 5630718
Signed: Kevin Marson
Report Date: 24 Aug 2023



GRAPHS

