

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(363347)] LIEBHERR R934 054150-1550 - Diesel Engine

Sample No: LH0218927

Oil Type: DIESEL ENGINE OIL SAE 30



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		LH0218927	LH0218919	---	---
Date d'échant.		13 Jul 2023	22 Sep 2022	---	---
Heures de la Machine		1040	468	---	---
Heures de l'huile		0	0	---	---
Huile changée		Changed	N/A	---	---
Statut de l'échant.		NORMAL	NORMAL	---	---

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#### ÉTAT D'HUILE

Visc 100°C	cSt	● 11.7	● 11.9	---	---
Oxydation (PA)	%	● 73	● 203	---	---



#### CONTAMINATION

% de suie	%	● 0	● 0	---	---
Nitration (PA)	%	● 78	● 102	---	---
Sulfatation (PA)	%	● 65	● 110	---	---
Glycol	%	● NEG	● NEG	---	---
Essence	%	● <1.0	● 1	---	---
Silicium	ppm	● 8	● 10	---	---
Sodium	ppm	● 2	● 3	---	---
Potassium	ppm	● 2	● 3	---	---

#### Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm.  
 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	● 7	● 11	---	---
Cuivre	ppm	● 19	● 108	---	---
Plomb	ppm	● 1	● 6	---	---
Étain	ppm	● <1	● 1	---	---
Aluminium	ppm	● 2	● 3	---	---
Chrome	ppm	● <1	● <1	---	---
Molybdène	ppm	● 16	● 42	---	---
Nickel	ppm	● <1	● 0	---	---
Titane	ppm	● 36	● <1	---	---
Argent	ppm	● 0	● 0	---	---
Manganèse	ppm	● <1	● 1	---	---
Vanadium	ppm	● <1	● 0	---	---



#### ADDITIFS

Calcium	ppm	● 1873	● 1385	---	---
Magnésium	ppm	● 342	● 909	---	---
Zinc	ppm	● 1089	● 848	---	---
Phosphore	ppm	● 960	● 748	---	---
Baryum	ppm	● 4	● 30	---	---
Bore	ppm	● 34	● 83	---	---

**Depot:** KAR373CAR  
**Unique No:** 5630943  
**Signed:** Wes Davis  
**Report Date:** 24 Aug 2023



### GRAPHS

