

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R966 048797 - Diesel Engine

Sample No: LH

Oil Type: DIESEL ENGINE OIL SAE 10W30



Information sur l'échantillon

Numéro d'échant.	LH	LH	---	---
Date d'échant.	03 May 2024	17 Apr 2023	---	---
Heures de la Machine	1618	1611	---	---
Heures de l'huile	0	0	---	---
Huile changée	N/A	N/A	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

Liebherr Canada

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État d'huile

Visc 100°C	cSt	11.7	11.8	---	---
Oxydation (PA)	%	68	68	---	---



Contamination

Eau	%	NEG	NEG	---	---
% de suie	%	0	0	---	---
Nitration (PA)	%	56	53	---	---
Sulfatation (PA)	%	54	54	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	0.0	<1.0	---	---
Silicium	ppm	5	8	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	1	1	---	---

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. Tests indicate that there is no fuel present in the oil. 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	6	5	---	---
Cuivre	ppm	5	5	---	---
Plomb	ppm	0	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	1	1	---	---
Chrome	ppm	0	0	---	---
Molybdène	ppm	55	56	---	---
Nickel	ppm	0	0	---	---
Titane	ppm	0	<1	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	950	1012	---	---
Magnésium	ppm	961	1041	---	---
Zinc	ppm	1109	1151	---	---
Phosphore	ppm	955	1092	---	---
Baryum	ppm	<1	<1	---	---
Bore	ppm	58	60	---	---

Depot: LIERIC
 Unique No: 5774963
 Signed: Kevin Marson
 Report Date: 08 May 2024



Graphs

