

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 055435-1866 - Diesel Engine

Sample No: LH0252127

Oil Type: SAE 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0252127	LH0256973	---	---
Date d'échant.	31 Jul 2023	27 Mar 2023	---	---
Heures de la Machine	1467	1015	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

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ÉTAT D'HUILE

Visc 100°C	cSt	● 13.5	● 13.2	---	---
Oxydation (PA)	%	● 60	● 73	---	---



CONTAMINATION

% de suie	%	● 0	● 0	---	---
Nitration (PA)	%	● 62	● 71	---	---
Sulfatation (PA)	%	● 54	● 62	---	---
Glycol	%	● NEG	● NEG	---	---
Essence	%	● <1.0	● <1.0	---	---
Silicium	ppm	● 8	● 6	---	---
Sodium	ppm	● 1	● 1	---	---
Potassium	ppm	● <1	● 0	---	---

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	● 4	● 6	---	---
Cuivre	ppm	● 2	● 5	---	---
Plomb	ppm	● <1	● 2	---	---
Étain	ppm	● <1	● <1	---	---
Aluminium	ppm	● 1	● 2	---	---
Chrome	ppm	● <1	● <1	---	---
Molybdène	ppm	● 57	● 58	---	---
Nickel	ppm	● 0	● <1	---	---
Titane	ppm	● 0	● <1	---	---
Argent	ppm	● 0	● 0	---	---
Manganèse	ppm	● <1	● <1	---	---
Vanadium	ppm	● 0	● 0	---	---



ADDITIFS

Calcium	ppm	● 1050	● 1163	---	---
Magnésium	ppm	● 987	● 961	---	---
Zinc	ppm	● 1183	● 1155	---	---
Phosphore	ppm	● 1062	● 1053	---	---
Baryum	ppm	● <1	● 2	---	---
Bore	ppm	● 4	● 10	---	---

Depot: CLOPEM
 Unique No: 5630721
 Signed: Wes Davis
 Report Date: 23 Aug 2023



GRAPHS

