

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R924 054969-1487 - Diesel Engine

Sample No: LH0277737

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277737	LH0246999	---	---
Date d'échant.	17 Oct 2023	26 Jul 2023	---	---
Heures de la Machine	2060	1606	---	---
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	13.4	13.2	---	---
Oxydation (PA)	%	63	64	---	---



CONTAMINATION

% de suie	%	0	0	---	---
Nitration (PA)	%	60	67	---	---
Sulfatation (PA)	%	54	58	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	<1.0	<1.0	---	---
Silicium	ppm	13	28	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	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	13	18	---	---
Cuivre	ppm	1	2	---	---
Plomb	ppm	<1	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	1	1	---	---
Chrome	ppm	0	<1	---	---
Molybdène	ppm	61	59	---	---
Nickel	ppm	<1	0	---	---
Titane	ppm	0	0	---	---
Argent	ppm	<1	0	---	---
Manganèse	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	1064	1086	---	---
Magnésium	ppm	994	1021	---	---
Zinc	ppm	1212	1224	---	---
Phosphore	ppm	1002	1050	---	---
Baryum	ppm	<1	0	---	---
Bore	ppm	4	5	---	---

Depot: CLOPEM
Unique No: 5671950
Signed: Kevin Marson
Report Date: 08 Nov 2023



GRAPHS

