

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362876)] LIEBHERR R934 053896-1550 - Diesel Engine

Sample No: LH0284943

Oil Type: SAE 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284943	LH0256613	LH0230658	---
Date d'échant.	08 Feb 2024	21 Apr 2023	05 Jul 2022	---
Heures de la Machine	1399	982	535	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

MOFFATT SCRAP IRON & METAL INC.
 9620 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
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ÉTAT D'HUILE

Visc 100°C	cSt	13.2	12.8	11.9	---
Oxydation (PA)	%	65	83	211	---



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
% de suie	%	0	0	0	---
Nitration (PA)	%	69	74	115	---
Sulfatation (PA)	%	54	60	117	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	1.4	---
Silicium	ppm	7	8	12	---
Sodium	ppm	1	2	3	---
Potassium	ppm	1	2	3	---

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	5	10	16	---
Cuivre	ppm	8	67	168	---
Plomb	ppm	1	7	10	---
Étain	ppm	<1	2	2	---
Aluminium	ppm	2	2	4	---
Chrome	ppm	<1	<1	2	---
Molybdène	ppm	57	58	43	---
Nickel	ppm	<1	<1	<1	---
Titane	ppm	0	<1	<1	---
Argent	ppm	0	0	0	---
Manganèse	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	1074	1170	1373	---
Magnésium	ppm	951	949	895	---
Zinc	ppm	1177	1149	834	---
Phosphore	ppm	984	1012	643	---
Baryum	ppm	<1	3	24	---
Bore	ppm	3	9	74	---

Depot: MOFMOF
 Unique No: 5723691
 Signed: Wes Davis
 Report Date: 09 Feb 2024



GRAPHS

