

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A944 079419 - Diesel Engine

Sample No: LH0292284

Oil Type: {unknown}



Liebherr Canada

140 - 21320 Gordon Way

Richmond, BC

CA V6W 1J8

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Information sur l'échantillon

Numéro d'échant.	LH0292284	---	---	---
Date d'échant.	11 Jul 2024	---	---	---
Heures de la Machine	16752	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	SEVERE	---	---	---



État d'huile

Visc 100°C	cSt	5.9	---	---	---
Oxydation (PA)	%	76	---	---	---



Contamination

Eau	%	NEG	---	---	---
% de suie	%	0.2	---	---	---
Nitration (PA)	%	101	---	---	---
Sulfatation (PA)	%	23	---	---	---
Glycol	%	>.70	---	---	---
Essence	%	33.7	---	---	---
Silicium	ppm	9	---	---	---
Sodium	ppm	231	---	---	---
Potassium	ppm	2	---	---	---



Métaux d'usure

Fer	ppm	8	---	---	---
Cuivre	ppm	9	---	---	---
Plomb	ppm	1	---	---	---
Étain	ppm	0	---	---	---
Aluminium	ppm	2	---	---	---
Chrome	ppm	<1	---	---	---
Molybdène	ppm	12	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additifs

Calcium	ppm	1051	---	---	---
Magnésium	ppm	5	---	---	---
Zinc	ppm	739	---	---	---
Phosphore	ppm	518	---	---	---
Baryum	ppm	<1	---	---	---
Bore	ppm	34	---	---	---

Diagnostic

We advise that you check the fuel injection system. We advise that you check for the source of the coolant leak. We recommend that you drain the oil from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with oil. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Test for glycol is positive. There is a high amount of fuel present in the oil. There is a high concentration of glycol present in the oil. There is a moderate concentration of water present in the oil. Tests confirm the presence of fuel in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: LIERIC

Unique No: 5813308

Signed: Kevin Marson

Report Date: 17 Jul 2024



Graphs

