

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353691)] LIEBHERR R945 052997-1866 - Diesel Engine

Sample No: LH0284412

Oil Type: SAE 5W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284412	---	---	---
Date d'échant.	14 Feb 2024	---	---	---
Heures de la Machine	1167	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	NORMAL	---	---	---



EXCAVATION RAYMOND BOUCHARD INC.
222 DE L'INDUSTRIE
ST-LIN DES LAURENTIDES, QC
CA J5M 0A3
Contact: SERVICE MANAGER



ÉTAT D'HUILE

Visc 100°C	cSt	14.5	---	---	---
Oxydation (PA)	%	83	---	---	---

T:
F:



CONTAMINATION

Eau	%	NEG	---	---	---
% de suie	%	0	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfatation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Essence	%	<1.0	---	---	---
Silicium	ppm	7	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	4	---	---	---

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. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	6	---	---	---
Cuivre	ppm	25	---	---	---
Plomb	ppm	1	---	---	---
Étain	ppm	<1	---	---	---
Aluminium	ppm	2	---	---	---
Chrome	ppm	<1	---	---	---
Molybdène	ppm	6	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIFS

Calcium	ppm	1900	---	---	---
Magnésium	ppm	178	---	---	---
Zinc	ppm	1032	---	---	---
Phosphore	ppm	877	---	---	---
Baryum	ppm	3	---	---	---
Bore	ppm	132	---	---	---

Depot: EXC222STL
Unique No: 5733704
Signed: Kevin Marson
Report Date: 20 Feb 2024



GRAPHS

