

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A922 146822-1509 - Diesel Engine

Sample No: LH0270433

Oil Type: NOT GIVEN



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270433	---	---	---
Date d'échant.	14 Sep 2023	---	---	---
Heures de la Machine	610	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	NORMAL	---	---	---

PNR RAILWORKS INC.
65 MASSEY ROAD
GUELPH NW, ON
CA N1H 7M6
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	● 12.2	---	---	---
Oxydation (PA)	%	● 168	---	---	---

T:
F:



CONTAMINATION

% de suie	%	● 0	---	---	---
Nitration (PA)	%	● 84	---	---	---
Sulfatation (PA)	%	● 98	---	---	---
Glycol	%	● NEG	---	---	---
Essence	%	● 0.4	---	---	---
Silicium	ppm	● 47	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnostic

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. Fuel content negligible. 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	● 26	---	---	---
Cuivre	ppm	● 23	---	---	---
Plomb	ppm	● 1	---	---	---
Étain	ppm	● <1	---	---	---
Aluminium	ppm	● 4	---	---	---
Chrome	ppm	● <1	---	---	---
Molybdène	ppm	● 45	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	<1	---	---	---
Argent	ppm	● 0	---	---	---
Manganèse	ppm	● 4	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIFS

Calcium	ppm	● 1788	---	---	---
Magnésium	ppm	● 770	---	---	---
Zinc	ppm	● 921	---	---	---
Phosphore	ppm	● 835	---	---	---
Baryum	ppm	● 7	---	---	---
Bore	ppm	● 81	---	---	---

Depot: PNRGUE
Unique No: 5643802
Signed: Bill Quesnel
Report Date: 18 Sep 2023



GRAPHS

