

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 055788-1866 - Diesel Engine

Sample No: LH0265570

Oil Type: PETRO CANADA SUPREME 5W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0265570	LH0250745	---	---
Date d'échant.	23 Aug 2023	07 Mar 2023	---	---
Heures de la Machine	967	500	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

American Iron and Metal
997 CARPIN BEACH RD
SAULT ST MARIE, ON
CA P6A 6K4
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	11.7	11.8	---	---
Oxydation (PA)	%	110	214	---	---

T:
F:



CONTAMINATION

% de suie	%	0	0	---	---
Nitration (PA)	%	93	108	---	---
Sulfatation (PA)	%	70	118	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	<1.0	<1.0	---	---
Silicium	ppm	8	9	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	3	4	---	---

Diagnostic

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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	11	14	---	---
Cuivre	ppm	64	173	---	---
Plomb	ppm	2	7	---	---
Étain	ppm	1	2	---	---
Aluminium	ppm	2	3	---	---
Chrome	ppm	<1	<1	---	---
Molybdène	ppm	58	45	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	0	<1	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	916	1494	---	---
Magnésium	ppm	1075	897	---	---
Zinc	ppm	1113	833	---	---
Phosphore	ppm	960	734	---	---
Baryum	ppm	5	27	---	---
Bore	ppm	31	93	---	---

Depot: AIMS AU
Unique No: 5643769
Signed: Kevin Marson
Report Date: 15 Sep 2023



GRAPHS

