

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A910 141693-1837 - Diesel Engine

Sample No: LH0249751

Oil Type: PETRO CANADA 10W40



JOSH LASALLE CONSTRUCTION EQUIPMENT LTD
541 PIONEER RD.
MERRICKVILLE, ON
CA K0G 1N0
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0249751	LH0249726	---	---
Date d'échant.	02 Nov 2023	16 Jun 2023	---	---
Heures de la Machine	1109	501	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---



ÉTAT D'HUILE

Visc 100°C	cSt	13.1	10.9	---	---
Oxydation (PA)	%	56	52	---	---

T:
F:



CONTAMINATION

% de suie	%	0	0	---	---
Nitration (PA)	%	53	64	---	---
Sulfatation (PA)	%	51	50	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	<1.0	1	---	---
Silicium	ppm	6	10	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	0	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. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	18	15	---	---
Cuivre	ppm	5	19	---	---
Plomb	ppm	<1	2	---	---
Étain	ppm	0	<1	---	---
Aluminium	ppm	2	2	---	---
Chrome	ppm	<1	<1	---	---
Molybdène	ppm	55	4	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	0	<1	---	---
Argent	ppm	<1	0	---	---
Manganèse	ppm	0	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

Calcium	ppm	1177	1146	---	---
Magnésium	ppm	1012	756	---	---
Zinc	ppm	1252	837	---	---
Phosphore	ppm	1026	801	---	---
Baryum	ppm	<1	5	---	---
Bore	ppm	7	65	---	---

Depot: JOSMER
Unique No: 5670914
Signed: Kevin Marson
Report Date: 03 Nov 2023



GRAPHS

