

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 065678-1826 - Diesel Engine

Sample No: LH

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH	LH0232592	LH	LH0235540
Date d'échant.	20 Dec 2023	31 Jul 2023	26 Apr 2023	29 Aug 2022
Heures de la Machine	4739	5914	3418	1292
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

BOIS LIB INC.

275 RUE JEREMIE-PACAUD

PRINCEVILLE, QC

CA G6L 0A1

Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	11.5	13.9	11.8	13.1
Oxydation (PA)	%	54	60	84	79

T:

F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	43	61	83	74
Sulfatation (PA)	%	49	51	59	60
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	0.7	<1.0	<1.0	<1.0
Silicium	ppm	6	6	10	7
Sodium	ppm	<1	2	5	2
Potassium	ppm	<1	<1	<1	1

Diagnostic

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	2	4	8	7
Cuivre	ppm	2	3	8	226
Plomb	ppm	<1	<1	<1	6
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	<1	1	1
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	58	56	64	56
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1030	1004	992	1086
Magnésium	ppm	961	970	1221	953
Zinc	ppm	1170	1173	1315	1143
Phosphore	ppm	1037	1043	1173	1011
Baryum	ppm	0	0	0	2
Bore	ppm	1	2	29	5

Depot: LIBPRI

Unique No: 5697997

Signed: Kevin Marson

Report Date: 27 Dec 2023



GRAPHS

