

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 121537-1253 - Diesel Engine

Sample No: LH0247146

Oil Type: PETRO CANADA 10W30



LANGILLE'S SCRAP CORES
150 REACH INDUSTRIAL PARK RD
PORT PERRY, ON
CA L9L 1B2
Contact: Service Manager

T: (905)985-6800
F: (905)985-7993

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.



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0247146	LH0234977	LH0242579	LH0239559
Date d'échant.	24 Jun 2023	06 Feb 2023	04 Nov 2022	11 Aug 2022
Heures de la Machine	5805	4855	4272	3766
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	11.7	12.1	12.1	10.6
Oxydation (PA)	%	75	68	70	87



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	80	79	74	84
Sulfatation (PA)	%	59	57	57	61
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	1.5	<1.0
Silicium	ppm	8	7	8	8
Sodium	ppm	2	2	2	4
Potassium	ppm	2	2	7	2



MÉTAUX D'USURE

Fer	ppm	8	5	6	6
Cuivre	ppm	4	3	7	5
Plomb	ppm	1	1	3	1
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	1	2	4	2
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	63	61	61	56
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1133	1135	1127	824
Magnésium	ppm	990	1001	1007	1115
Zinc	ppm	1224	1241	1238	1184
Phosphore	ppm	1065	1134	1127	996
Baryum	ppm	<1	0	<1	0
Bore	ppm	9	1	4	16

Depot: LAN150POR
Unique No: 5607621
Signed: Wes Davis
Report Date: 18 Jul 2023



GRAPHS

