

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358361)] LIEBHERR LH40M 133820-1215 - Diesel Engine

Sample No: LH0289644

Oil Type: PETRO CANADA 10W40



Information sur l'échantillon

Numéro d'échant.	LH0289644	LH0256535	LH0203060	LH0227577
Date d'échant.	10 Jun 2024	29 Mar 2023	31 Aug 2022	09 Mar 2022
Heures de la Machine	2606	1521	1001	509
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	NORMAL

METALOGICS INC.
895 COLLINSON RD.
DUNDAS, ON
CA L9H 5E2
Contact: Service Manager



État d'huile

Visc 100°C	cSt	12.3	13.0	11.6	11.8
Oxydation (PA)	%	73	69	91	202

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	78	70	84	102
Sulfatation (PA)	%	59	62	64	111
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	1.1	1
Silicium	ppm	6	6	9	10
Sodium	ppm	2	2	4	2
Potassium	ppm	2	1	4	5

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	7	4	5	9
Cuivre	ppm	17	64	313	187
Plomb	ppm	1	2	9	7
Étain	ppm	<1	<1	<1	1
Aluminium	ppm	2	2	2	3
Chrome	ppm	<1	<1	<1	1
Molybdène	ppm	63	58	56	47
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1094	1094	864	1319
Magnésium	ppm	961	995	1097	921
Zinc	ppm	1169	1199	1193	853
Phosphore	ppm	898	1058	980	727
Baryum	ppm	1	<1	2	24
Bore	ppm	12	3	28	104

Depot: MET895DUN
Unique No: 5798529
Signed: Wes Davis
Report Date: 11 Jun 2024



Graphs

