

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 114405-1215 - Diesel Engine

Sample No: LH0270643

Oil Type: PETRO CANADA SUPREME 5W30



ELG Canada

4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7

Contact: Service Manager

T:

F: (905)335-9687

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.	LH0270643	LH0251679	LH0239339	LH0193075
Date d'échant.	12 Jul 2023	31 Jan 2023	28 Sep 2022	13 May 2022
Heures de la Machine	6035	5542	5053	4594
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	13.1	12.8	12.7	11.5
Oxydation (PA)	%	61	64	67	68



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	68	69	71	61
Sulfatation (PA)	%	52	55	53	58
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	8	7
Sodium	ppm	2	1	2	4
Potassium	ppm	0	0	0	<1



MÉTAUX D'USURE

Fer	ppm	3	3	3	2
Cuivre	ppm	1	1	3	<1
Plomb	ppm	<1	1	2	0
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	<1	2	<1	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	58	57	58	56
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	<1	0	0
Manganèse	ppm	<1	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1074	1110	1074	800
Magnésium	ppm	981	959	985	1132
Zinc	ppm	1207	1203	1203	1190
Phosphore	ppm	1058	1072	1083	1076
Baryum	ppm	0	0	0	0
Bore	ppm	4	2	4	53

Depot: STR437BUR

Unique No: 5607565

Signed: Wes Davis

Report Date: 18 Jul 2023



GRAPHS

