

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 142190-1250 - Diesel Engine

Sample No: LH0296505

Oil Type: DIESEL ENGINE OIL SAE 40



Information sur l'échantillon

Número d'échant.	LH0296505	LH0291303	LH0285132	LH0278910
Date d'échant.	07 Jul 2024	02 May 2024	29 Jan 2024	20 Nov 2023
Heures de la Machine	3473	2979	2241	1772
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

Combined Metals Industries

8470 Keele Street
Concord, ON
CA L4K 2S1
Contact: Service Manager



État d'huile

Visc 100°C	cSt	13.2	12.6	12.7	13.2
Oxydation (PA)	%	59	61	64	60

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	53	58	58	56
Sulfatation (PA)	%	52	53	54	53
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	3	5	6	7
Sodium	ppm	2	1	3	2
Potassium	ppm	0	<1	<1	0

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	9	13	11	14
Cuivre	ppm	2	3	2	3
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	1	1	1
Chrome	ppm	0	0	0	0
Molybdène	ppm	57	60	58	60
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	0	0
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1016	1094	1029	1056
Magnésium	ppm	955	996	1011	988
Zinc	ppm	1198	1205	1183	1192
Phosphore	ppm	977	994	986	998
Baryum	ppm	<1	<1	0	<1
Bore	ppm	4	4	19	6

Depot: COM847CON
Unique No: 5811593
Signed: Wes Davis
Report Date: 08 Jul 2024



Graphs

