

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 146313-1217 - Diesel Engine

Sample No: LH0286928

Oil Type: DIESEL ENGINE OIL SAE 40



WENTWORTH METAL RECYCLING
 495 WENTWORTH STREET NORTH
 HAMILTON, ON
 CA L8L 5X1
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Information sur l'échantillon

Numéro d'échant.	LH0286928	LH0286972	LH0278625	LH0274788
Date d'échant.	17 Jun 2024	16 Apr 2024	21 Jan 2024	05 Sep 2023
Heures de la Machine	3178	2658	2083	1114
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL



État d'huile

Visc 100°C	cSt	11.7	12.6	12.7	12.6
Oxydation (PA)	%	90	78	70	10



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	88	85	79	18
Sulfatation (PA)	%	60	55	53	30
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	1	<1.0	<1.0	<1.0
Silicium	ppm	9	8	11	6
Sodium	ppm	5	2	2	2
Potassium	ppm	2	<1	3	4



Métaux d'usure

Fer	ppm	5	5	5	5
Cuivre	ppm	2	5	3	121
Plomb	ppm	0	0	<1	5
Étain	ppm	0	0	0	<1
Aluminium	ppm	2	2	2	2
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	59	56	51	54
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	880	1094	1113	1053
Magnésium	ppm	1080	976	918	953
Zinc	ppm	1219	1185	1123	1114
Phosphore	ppm	1005	993	964	952
Baryum	ppm	<1	<1	<1	3
Bore	ppm	19	6	10	6

Diagnostic

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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.

Depot: WENHAM
 Unique No: 5800033
 Signed: Kevin Marson
 Report Date: 19 Jun 2024



Graphs

