

LIEBHERR

CONSTRUCTION EQUIPMENT



[(357696)] LIEBHERR LH50M 133969-1216 - Diesel Engine

Sample No: LH0286532

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0286532	LH0247075	LH0192750	LH0215701
Date d'échant.	04 Mar 2024	15 Dec 2022	11 Aug 2022	03 Dec 2021
Heures de la Machine	3503	1867	1583	577
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

PRIESTLY DEMOLITION

3200 LLOYDTOWN AURORA RD
KING, ON
CA L0G 1J0
Contact: Krystal Breedeon
kbreedon@priestly.ca

T:
F:



ÉTAT D'HUILE

Visc 100°C	cSt	10.8	13.5	11.8	12.0
Oxydation (PA)	%	63	65	82	212



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	66	59	76	100
Sulfatation (PA)	%	52	57	61	115
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	1.7	<1.0	<1.0	0.5
Silicium	ppm	7	7	9	10
Sodium	ppm	1	2	2	2
Potassium	ppm	<1	0	1	3

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.



MÉTAUX D'USURE

Fer	ppm	4	4	6	11
Cuivre	ppm	2	9	38	247
Plomb	ppm	<1	<1	2	8
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	1	2	2
Chrome	ppm	0	0	0	<1
Molybdène	ppm	62	65	125	47
Nickel	ppm	0	0	0	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1106	1108	1173	1414
Magnésium	ppm	993	950	947	964
Zinc	ppm	1232	1180	1175	896
Phosphore	ppm	1076	1075	999	784
Baryum	ppm	0	<1	2	22
Bore	ppm	8	7	67	98

Depot: PRIKIN
Unique No: 5737526
Signed: Kevin Marson
Report Date: 08 Mar 2024



GRAPHS

