

LIEBHERR

CONSTRUCTION EQUIPMENT



[(374940)] LIEBHERR LH30M 137944-1253 - Diesel Engine

Sample No: LH0296527

Oil Type: SAE 10W40



KINGS AUTO WRECKERS
1866 DRUMMOND LINE
PETERBOROUGH, ON
CA K9J 6X8
Contact: Service Manager



Information sur l'échantillon

Número d'échant.	LH0296527	LH0278730	LH0256534	LH0239386
Date d'échant.	07 Jul 2024	22 Feb 2024	13 Jun 2023	13 Feb 2023
Heures de la Machine	3323	2777	1701	1206
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	MARGINAL	ABNORMAL	NORMAL



État d'huile

Visc 40°C	cSt	---	66.1	---	---
Visc 100°C	cSt	12.7	11.0	11.4	12.2
Indice de viscosité (VI)	Scale	---	158	---	---
Oxydation (PA)	%	61	73	77	79

T:
F:

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.



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	62	73	74	68
Sulfatation (PA)	%	51	55	57	64
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	2	1.9	1.7
Silicium	ppm	5	7	7	6
Sodium	ppm	1	4	4	2
Potassium	ppm	<1	1	0	2



Métaux d'usure

Fer	ppm	3	3	4	5
Cuivre	ppm	2	2	33	102
Plomb	ppm	0	0	1	3
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	2	2	2
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	57	58	59	58
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	994	833	923	1165
Magnésium	ppm	928	1060	1085	962
Zinc	ppm	1159	1155	1206	1152
Phosphore	ppm	957	1015	1076	1058
Baryum	ppm	<1	0	<1	3
Bore	ppm	7	36	34	8

Depot: KINPET
Unique No: 5811644
Signed: Wes Davis
Report Date: 08 Jul 2024



Graphs

