

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358628)] LIEBHERR R914 047334-1511 - Diesel Engine

Sample No: LH0289874

Oil Type: PETRO CANADA SUPREME 5W30



Information sur l'échantillon

Numéro d'échant.	LH0289874	LH	LH0261014	LH0225248
Date d'échant.	10 Dec 2023	23 Nov 2023	05 Jun 2023	03 Mar 2022
Heures de la Machine	1000	3825	3700	1531
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

L.A.H. EQUIPMENT INC.

9700 PLACE JADE

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État d'huile

Visc 100°C	cSt	12.1	13.3	11.8	11.7
Oxydation (PA)	%	73	59	66	33



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0.1	0.1	0	0
Nitration (PA)	%	74	55	65	33
Sulfatation (PA)	%	56	52	53	41
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	8	6	8	8
Sodium	ppm	5	2	4	4
Potassium	ppm	1	0	<1	<1

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	20	18	12	6
Cuivre	ppm	2	1	<1	<1
Plomb	ppm	0	<1	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	4	4	3	1
Chrome	ppm	3	2	2	<1
Molybdène	ppm	65	60	58	55
Nickel	ppm	0	<1	<1	0
Titane	ppm	0	0	<1	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	931	1125	873	814
Magnésium	ppm	1187	998	1104	1106
Zinc	ppm	1281	1209	1208	1177
Phosphore	ppm	1046	990	1093	1059
Baryum	ppm	0	<1	0	0
Bore	ppm	28	7	40	53

Depot: LAHBRO

Unique No: 5775416

Signed: Wes Davis

Report Date: 09 May 2024



Graphs

