

LIEBHERR

CONSTRUCTION EQUIPMENT



[(380898)] LIEBHERR R934 055125-1550 - Diesel Engine

Sample No: LH0237510

Oil Type: PETRO CANADA DURON UHP 5W30



Terra Green
86 Shornclyff Road
Toronto, ON
CA M8Z 5K5
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0237510	LH0237509	LH0237503	LH0237502
Date d'échant.	02 Dec 2023	26 Jun 2023	11 Feb 2023	27 Oct 2022
Heures de la Machine	2070	1520	1018	482
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	11.4	11.6	11.5	11.8
Oxydation (PA)	%	98	91	98	215

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	85	84	84	98
Sulfatation (PA)	%	63	61	68	112
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	1.1
Silicium	ppm	11	10	10	11
Sodium	ppm	5	4	5	2
Potassium	ppm	5	1	8	4

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	6	6	7	10
Cuivre	ppm	3	4	18	128
Plomb	ppm	1	<1	2	6
Étain	ppm	<1	<1	<1	1
Aluminium	ppm	3	2	2	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	66	61	58	44
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	845	849	921	1396
Magnésium	ppm	1179	1184	1116	879
Zinc	ppm	1258	1282	1227	795
Phosphore	ppm	1014	1117	1091	716
Baryum	ppm	<1	<1	2	22
Bore	ppm	23	27	31	74

Depot: TER86TOR
Unique No: 5694511
Signed: Wes Davis
Report Date: 07 Dec 2023



GRAPHS

