

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R924 054969-1487 - Diesel Engine

Sample No: LH0291268

Oil Type: PETRO CANADA SUPREME 5W30



Information sur l'échantillon

Número d'échant.	LH0291268	LH0278949	LH0277737	LH0246999
Date d'échant.	27 May 2024	26 Jan 2024	17 Oct 2023	26 Jul 2023
Heures de la Machine	2977	2495	2060	1606
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

CLOUTHIER VENTURES LTD.
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État d'huile

Visc 100°C	cSt	11.2	14.0	13.4	13.2
Oxydation (PA)	%	75	61	63	64



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	74	58	60	67
Sulfatation (PA)	%	57	54	54	58
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	12	23	13	28
Sodium	ppm	4	2	2	3
Potassium	ppm	<1	<1	0	<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	14	12	13	18
Cuivre	ppm	<1	<1	1	2
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	2	1	1
Chrome	ppm	0	<1	0	<1
Molybdène	ppm	60	58	61	59
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	901	1071	1064	1086
Magnésium	ppm	1166	970	994	1021
Zinc	ppm	1249	1173	1212	1224
Phosphore	ppm	1036	992	1002	1050
Baryum	ppm	0	0	<1	0
Bore	ppm	43	3	4	5

Depot: CLOPEM
 Unique No: 5789852
 Signed: Kevin Marson
 Report Date: 10 Jun 2024



Graphs

