

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353412)] LIEBHERR R926 052980-1827 - Diesel Engine

Sample No: LH0274648

Oil Type: PETRO CANADA 10W40



SL EXCAVATION INC.
4626 COUNTY ROAD 29
ALMONTE, ON
CA K0A 1A0
Contact: Service Manager



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274648	LH0247511	LH0203091	LH0242606
Date d'échant.	20 Sep 2023	08 Jun 2023	03 Feb 2023	02 Nov 2022
Heures de la Machine	4068	3482	2931	2619
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	13.6	12.5	13.9	12.9
Oxydation (PA)	%	69	58	59	67



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	70	63	58	69
Sulfatation (PA)	%	57	53	56	57
Glycol	%	0.0	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	5	7	8
Sodium	ppm	2	1	3	3
Potassium	ppm	24	<1	<1	<1



MÉTAUX D'USURE

Fer	ppm	16	2	11	13
Cuivre	ppm	2	1	1	2
Plomb	ppm	1	<1	0	<1
Étain	ppm	0	<1	0	<1
Aluminium	ppm	1	<1	1	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	64	58	61	63
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	1	<1	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1126	1026	1081	1160
Magnésium	ppm	1043	987	1002	982
Zinc	ppm	1293	1202	1215	1216
Phosphore	ppm	1057	1067	1117	1083
Baryum	ppm	<1	0	0	0
Bore	ppm	<1	<1	7	15

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.

Depot: SLEALM
Unique No: 5646517
Signed: Kevin Marson
Report Date: 28 Sep 2023



GRAPHS

