

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0281587

Oil Type: PETRO CANADA 10W40



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



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0281587	LH0274648	LH0247511	LH0203091
Date d'échant.	15 Dec 2023	20 Sep 2023	08 Jun 2023	03 Feb 2023
Heures de la Machine	4507	4068	3482	2931
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	14.1	13.6	12.5	13.9
Oxydation (PA)	%	71	69	58	59



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	68	70	63	58
Sulfatation (PA)	%	57	57	53	56
Glycol	%	NEG	0.0	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	20	5	5	7
Sodium	ppm	2	2	1	3
Potassium	ppm	<1	24	<1	<1



MÉTAUX D'USURE

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



ADDITIFS

Calcium	ppm	1136	1126	1026	1081
Magnésium	ppm	1023	1043	987	1002
Zinc	ppm	1254	1293	1202	1215
Phosphore	ppm	1048	1057	1067	1117
Baryum	ppm	0	<1	0	0
Bore	ppm	1	<1	<1	7

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: 5697885
Signed: Kevin Marson
Report Date: 22 Dec 2023



GRAPHS

